New York

AGRICULTURAL STATISTICS

1986

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1986

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NEW YORK AGRICULTURAL STATISTICS SERVICE
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Albany, New York 12235-0001

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS
DIVISION OF STATISTICS

Cooperating With

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

June 1987

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Nora E. Wright

For additional information and statistical data pertaining to the agricultural industry gathered by the State of New York or United States Department of Agriculture, write or call:

NEW YORK AGRICULTURAL STATISTICS SERVICE
1 Winners Circle
Albany, New York 12235-0001

Telephone
(518) 457-5570
or
(518) 472-5483

STATE OF NEW YORK

DEPARTMENT OF AGRICULTURE AND MARKETS
CAPITAL PLAZA - 1 WINNERS CIRCLE
ALBANY, NEW YORK 12235

DONALD G. BUTCHER
COMMISSIONER

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June 1987

Dear Friend:

The farm economy and market conditions have not always been kind to farmers in recent years. Many commodity prices have been weak and farm production costs generally rising. In the past year, farm income has generally stabilized, as indicated in the report. The recent period of adversity made it clear that management expertise can often be the difference between success and failure for farmers, as it is for all businessmen. Good information is essential to good management, which is why we are pleased to offer you a copy of the 1986 Agricultural Statistics for New York.

Agriculture remains the number one industry in New York. Information contained in the following pages provides the statistical profile of that great industry. We hope this information will help to make all New York farmers and others in the food and agriculture industry more efficient and more prosperous.

Our thanks for the thousands of New York farm families and agribusinesses who have supplied the raw data to make this report possible. Without this information, the staff of the New York Agricultural Statistics Service could not do the outstanding job it does year to year for us all.

Donald G. Butcher

Donald G. Butcher
Commissioner

NEW YORK AGRICULTURAL STATISTICS SERVICE

1 Winners Circle
Albany, New York 12235

Phone 457-5570

U.S.D.A., National Agricultural Statistics Service | N.Y. Dept. of Agriculture and Markets, Division of Statistics

June 1987

Dear Friends:

On May 15, 1987 the United States Departmment of Agriculture celebrated its 125th birthday for it was on that date in 1862 that President Abraham Lincoln signed the act creating the new department. That institution, which he called "the people's department" has reached into every county and out to every farm, ranch, or homemaker.

Working with farmers, agricultural industries, and consumers, the Department of Agriculture both National and at the State level has helped make American agriculture the most productive in the world.

It was in July of 1863 that the first monthly crop reports were issued to aid in measuring the food production from the farms of the young nation then embroiled in a Civil war. Agricultural statistics today are still an important service to the farmers and consumers and the industries that serve them.

This book is dedicated to the State and Nation's largest industry and the one upon which every person depends. Once again, I want to thank all the individuals who supplied this information by completing our survey questionnaires. Our goal is to serve you better and therefore we appreciated your suggestions for improvement or for additional statistical needs.

Glenn W. Suter

Glenn W. Suter
State Statistician

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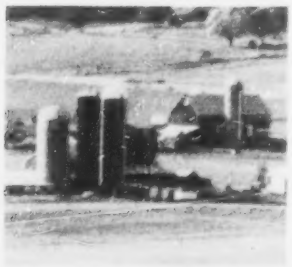

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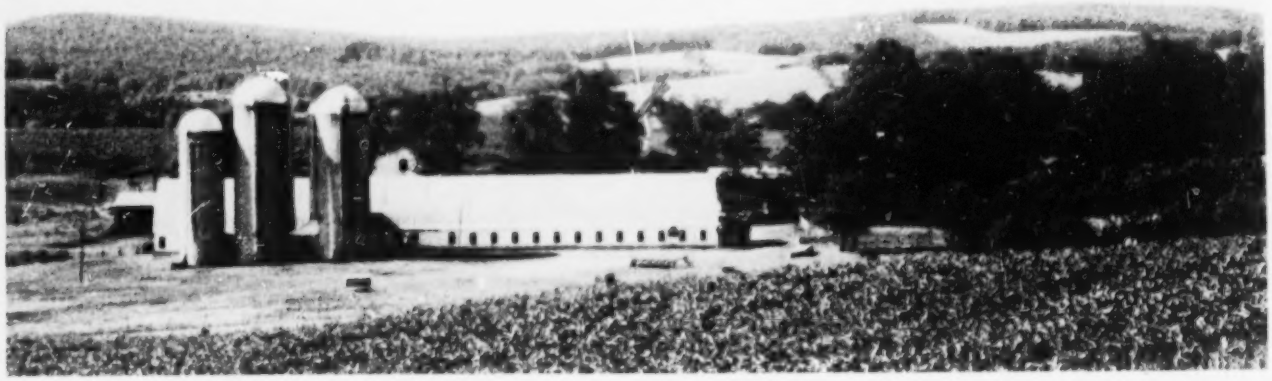


FARMS AND FARMLAND UTILIZATION

New York's number of farms and land in farms, after being fairly constant for several years have begun to move downward as more operators leave the farm due to economic pressures, urbanization and other factors. Since 1978 the total land in farms has decreased 11 percent. At the same time the number of farms increased slightly to a peak of 49,000 in 1983 and then declined about 5 percent each year.

Total cropland has averaged about 62 percent of the total land with yearly decreases of about 2 percent during recent years. Field crops such as corn, hay, small grains, potatoes, soybeans and other field crops account for 94 percent of the total cropland harvested. Vegetable crops make up 4 percent and fruit crops account for the remaining 3 percent of harvested cropland. In 1986, woodland accounted for 21 percent of all land in farms; permanent pasture, 9 percent; and other land uses, 8 percent.

For several years the Agricultural Statistics Service has sensed the need of data users for statistics on how our land in farms is used. The Census of Agriculture conducted by the U.S. Department of Commerce every four or five years is a good reference source. However, the completeness of coverage varies from one census to another. In 1982 we expanded our survey coverage to collect additional data needed for annual state and county estimates.

The estimates shown are based on large scale annual surveys with about 15,000 farms reporting each year. Reports are obtained by mail, telephone and personal interview. The component estimates balance to "official" USDA estimates of the total land in farms in New York. County estimates for major land use categories for 1985 and 1986 appear on pages 86 and 87.

FARMS AND FARMLAND: Number of Farms, Land in Farms and Land Use, 1978-1986

	1978	1979	1980	1981	1982	1983	1984	1985	1986
Number of farms	47,000	48,000	47,000	47,000	48,000	49,000	47,000	44,000	42,000
Acres per farm	209	200	200	206	198	194	200	207	207
					Thousand acres				
Land in Farms	9,800	9,600	9,400	9,700	9,500	9,500	9,400	9,100	8,700
Cropland, Total	6,150	5,980	5,830	5,920	5,890	5,800	5,770	5,640	5,450
Cropland harvested, Total	4,573	4,610	4,633	4,608	4,554	4,250	4,389	4,406	4,147
Field Crops harvested	4,293	4,330	4,355	4,330	4,276	3,976	4,112	4,125	3,888
Vegetable Crops harvested	162	161	159	160	161	158	162	167	145
Fruit Crops harvested	118	119	119	118	117	116	115	114	114
Cropland Pasture	1,115	961	838	918	936	945	926	820	785
Other Cropland	462	409	359	394	400	605	455	414	518
Permanent Pasture 1/	820	813	802	845	807	853	836	835	785
Woodland 2/	2,090	2,073	2,044	2,140	2,043	2,043	2,014	1,895	1,805
Other Land 3/	740	734	724	795	760	804	780	730	660

1/ Excludes cropland and woodland pastured. 2/ Includes woodland pasture.
3/ Includes house lots, ponds, roads, waste, etc.

ECONOMIC INDICATORS

NUMBER OF FARMS DECLINING

After fluctuating in the relatively narrow range between 47,000 and 49,000 from 1978 to 1983, the number of farms in New York has declined significantly in the last 3 years to an estimated 42,000 farms in 1986. This is down 5 percent from 1985 and 16 percent from 1983. Total land in farms in 1986 is 8.7 million acres, down 3 percent from 1985 and 8 percent from 1983. The average size of farm in New York, at 207 acres in 1986, has increased 7 percent since 1983.

FARM FINANCES

Finance Surveys of New York farms were conducted in April 1985, March 1986 and January 1987. The percent of farms that reported some debt in each of these surveys was 58.4, 68.5 and 59.7, respectively. On average about 38 percent of New York farms were virtually debt free.

Operations with debt/asset ratios above 40 percent are generally considered to be under financial stress. The percent of farms with ratios over 40 percent for each of the surveys was 18.7, 20.4 and 16.6, respectively. The percent of farms with ratios exceeding 70 percent was 5.7, 5.2 and 3.9, respectively. These are the ones considered to be under severe stress.

The debt/asset ratio for all farms responding in each survey was 22.1 percent in 1985, 23.5 in 1986 and 17.9 in 1987. The latest survey included a higher proportion of farms under 100 acres than the first two and this may have caused a downward bias in the ratio of debts to assets. In spite of this it appears New York farmers generally have made some recent gains in debt reduction.

In 1987, nine percent of the respondents indicated intentions to discontinue farming during the year. The previous year less than 7 percent indicated such intentions. Of the nine percent expecting to leave in 1987, retirement accounted for 3.4 percent of all farms, finance problems 2.1 percent, better alternatives 2.1 percent, and poor health 1.4 percent.

Net cash income of 1987 respondents averaged $17,500 for 1986 compared to previous survey average of $12,800 for 1985. All types of enterprises showed improved net earnings in 1986 over 1985. Of the farms with debt, 91 percent were current on real estate principal and interest payments and 86 percent were current on these payments for other loans.

INCOME: Farm Income Indicators, 1976-1985

Item	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Million dollars									
Gross Farm Income 1/	1,913.3	1,914.6	2,172.9	2,585.6	2,806.4	3,065.2	2,980.1	2,931.5	3,090.4	2,945.8
Cash income	1,737.1	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,652.1	2,705.4	2,799.6	2,687.8
Farm marketings	1,710.7	1,722.1	1,916.1	2,234.5	2,480.2	2,675.4	2,583.3	2,610.8	2,665.9	2,564.1
Crops	495.3	520.3	569.1	624.2	703.6	802.3	728.8	692.6	744.7	719.1
Livestock & products	1,215.4	1,201.7	1,347.0	1,610.3	1,776.5	1,873.2	1,854.5	1,918.2	1,921.2	1,845.0
Government payments	6.0	8.6	22.5	9.0	5.8	6.9	13.8	39.0	63.7	43.1
Other farm income	20.4	24.7	32.4	43.7	47.5	52.7	55.0	55.6	70.0	80.6
Machine hire/customwork	11.1	12.1	8.2	9.5	8.4	9.2	9.3	6.5	7.7	10.5
Other farm-related income 2/	9.3	12.6	24.2	34.2	39.0	43.5	45.7	49.2	62.4	70.1
Noncash income	189.8	197.0	191.9	208.3	221.9	241.5	266.9	273.9	275.5	253.4
Value of home consumption	28.9	27.4	24.2	28.9	30.3	29.3	28.2	28.4	26.7	23.4
Rental value of dwellings	160.9	169.5	167.7	179.4	191.6	212.2	238.6	245.4	248.7	230.0
Operators' dwellings	155.8	163.8	162.7	174.6	186.7	207.3	233.0	239.9	243.3	225.0
Hired laborers' dwellings	5.1	5.7	5.0	4.8	4.9	4.8	5.7	5.6	5.4	5.0
Value of inventory adjustment	-13.6	-37.7	10.0	90.1	51.0	88.7	61.2	-47.8	15.2	4.5
Total Production Expenses 1/	1,664.6	1,755.9	1,887.3	2,209.4	2,461.9	2,664.0	2,657.3	2,783.9	2,748.1	2,601.7
Intermediate product expenses	932.9	951.7	1,031.6	1,214.8	1,376.2	1,441.8	1,346.7	1,513.4	1,479.7	1,400.2
Farm origin	453.6	437.2	446.7	519.8	600.8	627.3	515.7	608.9	561.1	548.9
Feed	392.3	372.5	379.2	442.7	519.0	546.0	444.5	542.0	485.0	474.1
Livestock	10.8	10.1	12.9	19.1	19.7	17.6	14.3	13.5	14.4	14.5
Seed	50.5	54.6	54.7	58.1	62.1	63.8	56.9	53.5	61.7	60.3
Manufactured inputs	209.5	223.6	260.9	311.9	377.2	396.5	381.9	375.1	374.6	367.8
Fertilizer and lime	79.4	84.9	96.2	116.9	138.5	132.6	124.4	123.5	121.3	124.7
Pesticides	32.4	28.5	37.3	47.5	48.1	56.1	56.1	54.6	62.5	65.1
Fuel and oil	78.2	86.0	91.6	109.5	149.8	160.1	144.6	137.5	130.6	120.4
Electricity	19.5	24.2	35.9	38.0	40.9	47.7	56.8	59.7	60.2	57.6
Other	269.8	290.8	323.9	383.0	398.2	418.0	449.1	529.3	544.0	483.5
Repair and operation	111.6	119.9	151.3	164.1	167.2	166.5	177.7	180.7	189.7	182.6
Other misc. 3/	158.3	170.9	172.6	218.9	230.9	251.5	271.4	348.6	354.3	300.9
Interest	117.7	133.1	161.8	210.3	268.4	342.4	372.6	330.7	323.4	275.4
Real estate	57.6	61.4	64.8	74.9	88.1	99.3	115.4	128.1	126.7	103.6
Nonreal estate	60.0	71.7	96.9	135.4	180.3	243.1	257.3	202.6	196.7	171.8
Contract & hired labor expenses	195.3	219.7	212.0	234.1	246.5	240.9	278.4	266.8	266.8	274.2
Cash labor expenses 4/	178.4	200.4	195.0	215.7	227.5	222.8	257.6	246.6	245.4	254.9
Perquisites	16.9	19.3	17.0	18.4	18.9	18.2	20.8	20.2	21.3	19.3
Net rent to nonoperator landlords 5/	-7.8	-10.5	-9.7	-5.2	-2.2	-3.6	-11.9	-12.0	-.89	-13.4
Capital consumption	328.8	350.2	377.4	432.2	454.9	506.9	527.4	532.3	529.8	502.1
Business taxes	97.8	111.7	114.3	123.3	118.1	135.9	144.0	152.8	157.3	163.2
NET FARM INCOME	248.7	158.7	285.5	376.2	344.5	401.3	322.8	147.6	342.2	344.1

INCOME: Farm Income Indicators, 1976-1985 (Continued)

Item	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Million dollars									
Cash income 6/	1,737.1	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,652.1	2,705.4	2,799.6	2,687.8
Cash expenses 6/	1,280.7	1,343.3	1,447.3	1,712.6	1,937.4	2,085.4	2,065.7	2,188.1	2,147.1	2,028.5
Intermediate product expenses	918.1	934.3	1,012.3	1,197.3	1,356.9	1,423.3	1,324.5	1,492.1	1,453.7	1,372.8
Interest	108.0	123.1	151.4	198.6	255.0	327.4	357.2	314.5	306.1	258.0
Cash labor expenses 4/	178.4	200.4	195.0	215.7	227.5	222.8	257.6	246.6	245.4	254.9
Net rent to nonoperator landlords 5/	-7.8	-10.5	-9.7	-5.2	-2.2	-3.6	-11.9	-12.0	-8.9	-13.4
Business taxes	84.0	96.0	98.3	106.1	100.2	115.5	138.2	146.9	150.8	156.2
NET CASH INCOME	456.3	412.1	523.7	574.6	596.1	649.7	586.4	517.3	652.5	659.3
Cash income	1,737.1	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,652.1	2,705.4	2,799.6	2,687.8
Cash expenses	1,280.7	1,343.3	1,447.3	1,712.6	1,937.4	2,085.4	2,065.7	2,188.1	2,147.1	2,028.5
Capital consumption	278.4	298.2	325.2	375.6	394.1	440.1	455.2	461.0	452.9	424.3
NET BUSINESS INCOME 7/	177.9	113.9	198.5	199.1	202.0	209.6	131.2	56.3	199.6	235.0
Gross receipts of farms 8/	1,757.5	1,750.8	2,010.2	2,411.0	2,619.7	2,857.9	2,747.1	2,691.6	2,847.1	2,720.8
Nonfactor payments 6/	1,280.5	1,328.5	1,435.8	1,679.0	1,851.2	1,978.8	1,917.9	2,100.0	2,057.4	1,953.3
Intermediate product expenses	918.1	934.3	1,012.3	1,197.3	1,356.9	1,423.3	1,324.5	1,492.1	1,453.7	1,372.8
Capital consumption	278.4	298.2	325.2	375.6	394.1	440.1	455.2	461.0	452.9	424.3
Business taxes	84.0	96.0	98.3	106.1	100.2	115.5	138.2	146.9	150.8	156.2
Factor payments 6/	477.0	422.3	574.4	732.0	768.5	879.0	829.2	591.6	789.6	767.5
Interest	108.0	123.1	151.4	198.6	255.0	327.4	357.2	314.5	306.1	258.0
Contract and hired labor expenses	195.3	219.7	212.0	234.1	246.5	240.9	278.4	266.8	266.8	274.2
Net rent to nonoperator landlords 5/	-7.8	-10.5	-9.7	-5.2	-2.2	-3.6	-11.9	-12.0	-8.9	-13.4
RETURNS TO OPERATORS 9/	181.5	90.0	220.8	304.5	269.3	314.3	205.5	22.3	225.6	248.7
Off-farm income 10/	473.4	465.2	531.0	607.2	622.5	642.3	653.6	664.2	679.5	732.4

1/ Includes operator households.
2/ Includes forest product sales, recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services.
3/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. Definitions and data sources for 1978 and later are not directly compatible with those of earlier years.
4/ Includes contract labor expenses, hired labor wages, and Social Security payments.
5/ Uses different data sources for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods.
6/ Excludes operator households.
7/ Cash income less cash expenses and capital consumption.
8/ Gross farm income less rental value of operators' dwellings.
9/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to nonoperator landlords.
10/ Includes off-farm income for members of farm operators' households only.

FARM CASH RECEIPTS DECLINED 4 PERCENT IN 1985

Receipts for all New York farm products in 1985 totaled $2.56 billion, down 4 percent from 1984. Livestock and poultry products declined 4 percent to $1.84 billion, but remained at 72 percent of all commodities. Lower prices for milk, eggs and cattle for slaughter accounted for most of the reduction. Partially offsetting were higher lamb prices and a signficant increase in broiler production.

Crop receipts totaled $719 million, down 3 percent from 1984. Sharp declines for cabbage, onions, potatoes and grapes were partially offset by increases for greenhouse and nursery products, apples, and corn marketings. Grain corn returned to a more normal level after significant reductions in 1983 and 1984 as a result of the 1983 (PIK) program.

CASH RECEIPTS: Farm Marketings by Commodities, 1976-1980

	1976		1977	1978	1979	1980	
	Thou. dollars	% of Total	----- Thousand dollars -----			Thou. dollars	% of Total
LIVESTOCK AND PRODUCTS	1,215,446	71.0	1,201,739	1,347,044	1,610,286	1,776,547	71.6
Dairy products	987,401	57.7	981,200	1,085,585	1,243,295	1,404,002	56.6
Cattle and calves	93,198	5.5	98,666	140,961	172,299	177,116	7.1
Eggs	92,841	5.4	77,653	72,257	80,006	73,941	3.0
Hogs	13,898	.8	13,450	17,402	17,894	12,716	.5
Ducks	9,955	.6	9,744	11,025	12,408	12,960	.5
Chickens, excluding broiler	3,796	.2	2,759	2,341	2,704	1,961	.1
Turkeys	1,238	.1	1,211	1,664	1,859	2,274	.1
Sheep and wool	1,526	.1	1,730	2,032	1,836	2,020	.1
Broilers	816	-	559	653	655	756	-
Other livestock and poultry	10,777	.6	14,767	13,124	77,330	88,801	3.6
FIELD CROPS	181,934	10.6	163,562	155,349	177,697	230,262	9.3
Potatoes	65,305	3.8	48,103	46,220	46,613	55,550	2.2
Hay	26,606	1.5	26,085	29,429	25,722	31,846	1.3
Corn	51,635	3.0	54,391	48,948	64,133	88,685	3.6
Dry beans	8,225	.5	7,326	7,746	7,443	16,092	.6
Wheat	14,902	.9	15,209	8,364	19,340	19,349	.8
Oats	12,048	.7	8,780	9,010	8,239	12,406	.5
Other field and seed crops	3,213	.2	3,668	5,632	6,207	6,334	.3
VEGETABLE CROPS	111,794	6.6	138,781	136,955	151,205	176,174	7.1
Onions	28,565	1.7	33,837	31,091	38,332	47,905	1.9
Snap beans	15,142	.9	20,278	22,394	23,627	26,475	1.1
Cabbage	11,545	.7	26,876	20,951	18,442	16,600	.7
Tomatoes 1/	5,816	.3	5,915	6,666	9,906	11,898	.5
Lettuce	5,947	.4	5,749	6,617	8,424	10,853	.4
Sweet corn	14,102	.8	13,692	13,329	17,030	20,964	.9
Cauliflower	5,256	.3	5,949	5,469	4,924	6,476	.3
Celery	2,547	.1	1,967	4,569	2,537	2,814	.1
Cucumbers 1/	2,859	.2	2,707	2,998	3,763	3,661	.1
Carrots	2,949	.2	3,356	1,714	1,451	3,123	.1
Beets	1,993	.1	1,806	2,907	2,950	2,807	.1
Green peas	1,550	.1	1,786	2,025	2,595	2,802	.1
Other vegetables	13,523	.8	14,863	16,225	17,224	19,796	.8
FRUIT CROPS	101,792	6.0	112,689	165,537	183,621	162,106	6.5
Apples	61,361	3.6	73,091	96,025	117,485	99,826	4.0
Grapes	29,631	1.7	24,089	45,831	37,911	39,337	1.6
Cherries	4,305	.3	4,457	9,972	14,377	7,847	.3
Pears	1,509	.1	2,891	3,756	3,189	4,400	.2
Strawberries	2,548	.1	4,899	5,819	7,709	5,921	.2
Peaches	1,564	.1	2,222	2 886	1,421	2,985	.1
Other fruit and berries	874	.1	1,040	1,248	1,529	1,790	.1
ALL OTHER CROPS 2/	99,738	5.8	105,305	110,632	111,677	135,314	5.5
Greenhouse and nursery	83,994	4.9	87,380	100,610	101,177	125,477	5.1
Maple	2,627	.1	3,330	3,720	3,917	3,397	.1
Mushrooms	5,028	.3	6,273	6,302	6,583	6,440	.3
Forest products 2/	8,089	.5	8,322				
ALL CROPS	495,258	29.0	520,337	568,473	624,200	703,856	28.4
ALL COMMODITIES 2/	1,710,704	100.0	1,722,076	1,915,517	2,234,486	2,480,403	100.0

1/ Fresh only. Processing included with other vegetables.
2/ Beginning with 1978 value of forest products sold is excluded from cash receipts but included in other farm income.

1986 RECEIPTS ARE EXPECTED TO DECLINE 2 PERCENT

Preliminary estimates of cash receipts for all farm products in 1986 totaled $2.51 billion, down 2 percent from 1985. All livestock and poultry products, at $1.82 billion were down 1.4 percent while crop receipts declined 4.1 percent to $690 million.

Livestock, poultry and their products accounted for 72.5 percent in 1986, up from 71.9 percent in 1985. Cash receipts for individual commodities during calendar year 1986 will not be released by the Economic Research Service, U.S.D.A. until the fall of 1987.

CASH RECEIPTS: Farm Marketings by Commodities, 1981-1985

	1981	1982	1983	1984	1985	
	-------- Thousand dollars --------					% of Total
LIVESTOCK AND PRODUCTS	1,873,165	1,854,532	1,918,213	1,921,201	1,844,989	71.9
Dairy products	1,502,097	1,494,044	1,565,968	1,518,069	1,479,144	57.7
Cattle and calves	151,439	143,058	142,760	163,810	149,622	5.8
Eggs	87,224	85,470	82,896	100,300	79,515	3.1
Hogs	18,104	22,265	16,563	17,749	14,667	.6
Ducks	12,188	13,275	14,130	14,112	13,770	.5
Chickens, excluding broilers	2,339	2,134	2,341	3,649	3,023	.1
Turkeys	2,172	2,580	2,732	2,779	2,817	.1
Sheep and wool	2,296	1,609	1,888	2,096	2,162	.1
Broilers	717	686	778	1,032	2,426	-
Other livestock and poultry	95,306	89,411	88,157	97,605	97,843	3.8
FIELD CROPS	280,694	230,683	218,470	203,325	212,270	8.3
Potatoes	77,764	52,966	64,825	62,347	45,357	1.8
Hay	38,706	36,725	41,105	43,955	34,842	1.3
Corn	103,157	100,538	67,511	49,891	89,754	3.5
Dry beans	18,092	8,315	6,240	6,771	6,760	.3
Wheat	23,513	17,630	23,994	23,582	23,431	.9
Oats	13,234	10,899	6,370	8,134	5,470	.2
Other field and seed crops	6,228	3,610	8,425	8,555	6,656	.3
VEGETABLE CROPS	217,634	205,855	194,414	236,402	186,572	7.3
Onions	68,534	57,529	46,593	62,385	44,282	1.7
Snap beans	25,116	25,086	24,986	22,381	22,963	.9
Cabbage	21,294	24,334	27,323	49,109	20,646	.8
Tomatoes 1/	11,837	11,718	7,296	9,306	10,662	.4
Lettuce	13,412	11,172	12,090	11,997	9,412	.4
Sweet corn	24,898	27,683	28,590	33,891	27,339	1.1
Cauliflower	10,782	8,729	9,971	11,677	9,369	.4
Celery	4,171	3,640	4,126	3,090	2,841	.1
Cucumbers 1/	5,723	4,735	4,784	4,469	5,851	.2
Carrots	3,747	4,555	3,761	3,305	5,247	.2
Beets	2,519	2,667	1,501	1,579	1,683	.1
Green peas	4,098	4,279	3,933	4,542	8,564	.3
Other vegetables	21,503	19,728	19,460	18,671	17,713	.7
FRUIT CROPS	164,782	163,587	136,430	134,141	134,642	5.3
Apples	111,479	106,340	70,619	75,909	89,090	3.5
Grapes	37,158	36,699	36,449	33,899	21,438	.8
Cherries	3,758	5,020	12,250	6,835	7,119	.3
Pears	3,684	3,783	5,100	4,519	3,831	.1
Strawberries	5,067	6,638	6,251	8,369	7,493	.3
Peaches	2,053	3,351	3,874	2,932	4,008	.2
Other fruit and berries	1,583	1,756	1,887	1,678	1,553	.1
ALL OTHER CROPS	139,174	128,772	143,283	170,931	185,610	7.2
Greenhouse and nursery	128,300	119,300	137,200	163,400	178,100	6.9
Maple	5,486	5,536	3,995	5,611	5,670	.2
Mushrooms	5,388	3,936	2,088	1,920	1,840	.1
ALL CROPS	802,284	728,897	692,597	744,709	719,094	28.1
ALL COMMODITIES	2,675,449	2,583,429	2,610,810	2,665,910	2,564,083	100.0

1/ Fresh only. Processing included with other vegetables.

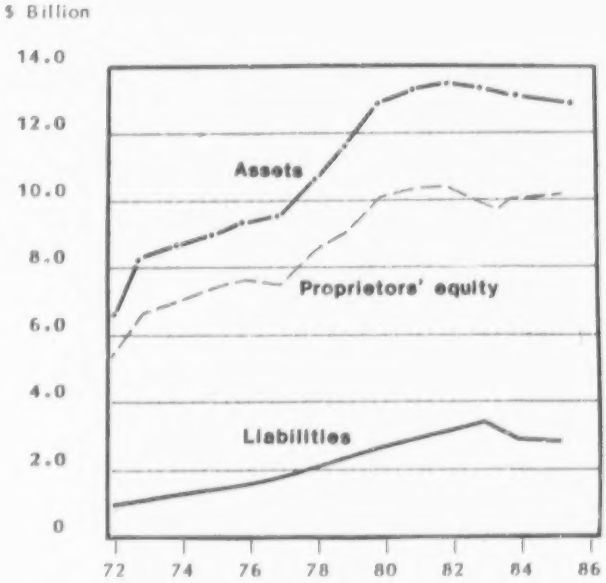
FARM DEBT-TO-ASSET RATIO IN DOWN TREND

The debt-to-asset ratio for New York farms at the end of 1985 was 22.0 percent, down from 23.5 in 1984 and the peak of 25.6 in 1983. The U.S. average ratio, however, was placed at 23.6 percent, a new post World War II high, and continued the steady uptrend since 1978. This placed 1985 as the first year the U.S. ratio has been above New York's. States with the highest ratios were Minnesota, Iowa and Nebraska, each with a ratio above 34 percent.

On December 31, 1985 the value of farms assets in New York, including operator households, totaled an estimated $13.0 billion. Proprietors' equity in those assets amounted to $10.2 billion after accounting for a toal farm debt of $2.87 billion. With an estimated 44,000 farms in 1985 this translates into per farm averages of $296,000 in assets, $231,000 in proprietors' equity and $65,000 of debt.

The Balance Sheet of the Farming Sector assembles into one financial statement the major farm asset inventory and liability accounts. These estimates are compiled by economists in the National Economics Division, Economic Research Service, U.S. Department of Agriculture.

FARM BALANCE SHEET New York, December 31, 1972-1986



FINANCE: Balance Sheet of the Farming Sector (Includes Farm Households), DECEMBER 31, 1976-1985

Item	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Million dollars									
Physical assets:										
Real estate, total	5,870	5,880	6,432	6,768	7,498	7,800	7,761	7,915	7,595	7,581
Value of farm land	3,867	3,903	4,309	4,575	5,093	5,323	5,321	5,453	5,255	5,269
Value of farm buildings	2,003	1,977	2,123	2,193	2,405	2,477	2,440	2,462	2,340	2,312
Nonreal estate, total	2,932	3,003	3,580	4,255	4,647	4,730	4,897	4,552	4,411	4,385
Livestock and poultry	708	717	1,059	1,463	1,526	1,395	1,310	1,112	1,143	1,055
Machinery and motor vehicles	1,529	1,621	1,792	2,037	2,196	2,454	2,573	2,453	2,210	2,215
Crops stored on and off farms 1/	424	391	432	466	600	517	595	530	527	524
Household equipment and furnishings	271	275	297	289	325	364	419	457	530	592
Financial assets:										
Deposits and currency	293	300	313	314	319	341	367	375	391	424
U.S. savings bonds	60	61	67	63	60	58	58	58	57	62
Investments in cooperatives	377	362	435	478	500	524	551	575	586	564
Total assets	9,532	9,607	10,827	11,878	13,024	13,453	13,634	13,475	13,040	13,016
Liabilities:										
Real estate debt	811	883	940	1,113	1,200	1,292	1,339	1,355	1,265	1,189
Nonreal estate debt 2/	841	967	1,169	1,394	1,670	1,634	1,813	2,040	1,762	1,624
Commodity Credit Corporation loans 3/	1	3	9	15	41	52	72	56	32	52
Total liabilities	1,653	1,854	2,118	2,522	2,911	2,979	3,224	3,451	3,059	2,865
Proprietors' equities	7,879	7,753	8,709	9,356	10,113	10,474	10,410	10,024	9,981	10,151
Debt-to-asset ratio (Percent)	17.3	19.3	19.6	21.2	22.4	22.1	23.6	25.6	23.5	22.0

Source: Economic Research Service, U.S. Department of Agriculture.

1/ Includes all crops held on farms including crops under CCC and crops held off farms by farm operators.

2/ Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders.

3/ Nonrecourse CCC loans secured by crops owned by farmers. These crops are included as assets in this balance sheet.

NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1986

Item	1st	2nd	3rd	4th	5th	N.Y. rank
FIELD CROPS						
Corn for silage	Wis.	N.Y.	Pa.	Minn.	Calif.	2
Corn for grain	Iowa	Ill.	Nebr.	Minn.	Ind.	17
Oats	Wis.	S.Dak.	Minn.	N.Dak.	Iowa	10
Winter wheat	Kansas	Okla.	Texas	Wash.	Colo.	26
Potatoes	Idaho	Wash.	Ore.	N.Dak.	Maine	12
Dry beans	N.Dak.	Nebr.	Calif.	Idaho	Mich.	10
Alfalfa hay	Wis.	Minn.	Calif.	S.Dak.	Iowa	16
Other hay	Texas	Mo.	S.Dak.	Kansas	Okla.	7
All hay	Wis.	Minn.	S.Dak.	Calif.	Iowa	12
FRUIT						
Apples	Wash.	N.Y.	Mich.	Pa.	Calif.	2
Cherries, sweet	Wash.	Ore.	Mich.	Calif.	Idaho	7
Cherries, tart	Mich.	Utah	N.Y.	Pa.	Ore.	3
Peaches	Calif.	S.C.	Ga.	N.J.	Pa.	13
Pears	Calif.	Wash.	Ore.	N.Y.	Mich.	4
Grapes	Calif.	N.Y.	Wash.	Pa.	Mich.	2
VEGETABLES, FRESH MARKET						
Carrots	Calif.	Wash.	Texas	Wis.	Mich.	7
Cauliflower	Calif.	Ore.	Ariz.	N.Y.	Texas	4
Celery	Calif.	Fla.	Mich.	Ohio	N.Y.	5
Lettuce	Calif.	Ariz.	Fla.	N.Mex.	N.Y.	5
Onions	Calif.	Ore.	Texas	Colo.	Idaho	6
Strawberries	Calif.	Fla.	Ore.	N.Y.	Wash.	4
Sweet corn	Fla.	N.Y.	Calif.	Ohio	N.J.	2
Tomatoes	Fla.	Calif.	S.C.	Tenn.	N.J.	10
VEGETABLES, PROCESSING						
Green peas	Wis.	Minn.	Wash.	Ore.	N.Y.	5
Snap beans	Wis.	Ore.	N.Y.	Mich.	Pa.	3
Sweet corn	Minn.	Wis.	Ore.	Wash.	Ill.	7
LIVESTOCK PRODUCTS						
Milk production	Wis.	Calif.	N.Y.	Minn.	Pa.	3
Total American cheese	Wis.	Minn.	Calif.	Iowa	Idaho	7
Total Italian cheese	Wis.	N.Y.	Calif.	Pa.	Nebr.	2
Total Cheese, excluding Cottage	Wis.	Minn.	N.Y.	Calif.	Iowa	3
Creamed Cottage cheese	N.Y.	Calif.	Ill.	Ohio	Wis.	1
Lowfat Cottage cheese	Calif.	N.Y.	Ohio	Wash.	Mo.	2
Butter	Wis.	Calif.	Minn.	Wash.	Pa.	6
Unsweetened condensed skim milk	Calif.	Wis.	Ohio	Mich.	N.Y.	5
Nonfat dry milk	Calif.	Minn.	Wis.	Iowa	Mich.	6
Ice cream	Calif.	Pa.	Texas	N.Y.	Iowa	4
Ice milk	Calif.	Texas	Ill.	Fla.	Pa.	7
Water ices	Texas	N.Y.	Calif.	Md.	Pa.	2
Cattle and calves 1/	Texas	Nebr.	Kansas	Colo.	Iowa	34
Egg production	Calif.	Ind.	Pa.	Ga.	Ohio	14
Chickens (excluding broilers) 1/	N.C.	Ga.	Pa.	Calif.	Ark.	16
Hogs and pigs 1/	Iowa	Ill.	Ind.	Minn.	Nebr.	33
Sheep and lambs 1/	Texas	Calif.	Colo.	Wyo.	S.Dak.	29
GENERAL CHARACTERISTICS						
Number of farms	Texas	Mo.	Iowa	Ky.	Tenn.	23
Land in farms	Texas	Mont.	Kansas	Nebr.	N.Mex.	36
Total cash farm receipts	Calif.	Iowa	Tex.	Nebr.	Ill.	21

1/ Pounds sold in 1986.

NEW YORK HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
FIELD CORN						
All Harvested	Acres	1,440,000	1981	560,000	1930	1866
Grain Harvested	Acres	830,000	1981	97,000	1928	1919
Grain Production	Bushels	77,190,000	1981	3,298,000	1928	1919
Silage Harvested	Acres	682,000	1978	300,000	1919	1919
Silage Production	Tons	9,207,000	1978	2,754,000	1925	1919
OATS						
Grain Harvested	Acres	1,430,000	1896	180,000	1984	1866
Grain Production	Bushels	54,800,000	1902	9,112,000	1943	1866
WHEAT						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,000	1878	2,625,000	1978	1866
HAY (Dry)						
All Harvested	Acres	5,067,000	1924	2,220,000	1986	1924
All Production	Tons	6,914,000	1916	4,032,000	1934	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
POTATOES						
Harvested	Acres	435,000	1904	31,400	1986	1866
Production	Cwt.	29,077,000	1909	7,780,000	1986	1866
DRY BEANS						
Harvested	Acres	250,000	1917	25,000	1983	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
ONIONS						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
SWEET CORN						
Harvested	Acres	58,100	1985	27,300	1933	1929
Production	Cwt.	5,195,000	1984	897,000	1933	1929
APPLES						
Production	Bushels	54,178,000	1896	2,160,000	1945	1889
GRAPES						
Production	Tons	198,000	1984	29,300	1918	1909
MAPLE SYRUP	Gallons	1,304,000	1918	225,000	1973	1916
CATTLE						
All Cattle and Calves	Head	2,596,000	1879	1,711,000	1979	1867
Beef Cows	Head	130,000	1976	5,000	1936	1920
Milk Cows	Head	1,540,000	1905	900,000	1974	1867
Milk Production	Mil. Lbs.	11,744	1986	6,874	1935	1924
OTHER LIVESTOCK						
All Hogs and Pigs	Head	840,000	1897	68,000	1966	1867
All Stock Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
POULTRY						
Hens and Pullets of Laying Age	Head	17,475,000	1944	5,600,000	1986	1924
Egg Production	Millions	2,414	1944	1,347	1924	1924
Broilers Produced	Head	14,618,000	1956	500,000	1978	1934
Turkeys Raised	Head	1,059,000	1954	138,000	1977	1929

CROPS

FIELD CROPS

The spring of 1986 was excellent for plowing and planting. Oat planting was slightly ahead of normal during April, but warm and dry weather in the first half of May lead to peak field activity. Rain during the last half of the month helped activate the herbicides and accelerate the growth of wheat and hay. This rain slowed fieldwork somewhat but planting was still well ahead of normal by the end of May.

Haymaking replaced corn planting as the major field activity during early June. Hay harvest was slightly ahead of normal throughout June, and yields were generally good. The corn crop was variable, doing best on well drained soils. Soil moisture was mostly surplus throughout the month, which was good for hay regrowth but delayed dry bean planting. The oat crop was headed out by the end of the month and wheat had turned.

July was mostly hot and humid with abundant rain. Corn grew rapidly under those conditions. Corn was in good shape during the month with the exception of drowned out and weedy areas. Humid and rainy weather made hay cutting and curing difficult.

Rainy weather during the first two weeks of August held back wheat and oat harvest. Wheat quality was poor due to widespread sprouting caused by excessive rain and humidity. Hay quantity was good but the quality was down due to the wet weather. Much of the hay cut went for haylage. Corn was maturing slowly and remained in good shape.

Cool and rainy weather with little sunshine characterized September. Corn maturity lagged due to the cool temperatures and lack of sunshine. Corn silage harvest was off to a slow start because of the rain and wet fields. Hay harvest continued slowly, continuing the pattern that began early in the summer.

Corn harvest inched along slowly in October. Scattered showers throughout the month along with wet fields and poor drying conditions made harvesting difficult. By the end of November there was still a lot of corn left to harvest. Abandonment was higher than normal due to the wet harvesting season.

In general, corn and oats were planted early. June rains helped get the crops off to a good start. Rain was plentiful throughout the season. Corn maturity was slow due to cool temperatures and limited sunshine. Harvesting was difficult for all crops due to rain and wet fields, but yields averaged higher than normal.

FIELD CROPS: Acreage, Yield, Production, Price, and Value, 1977-1986

Crop Year	Acres planted	Acres harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
WHEAT						
1977	190	175	39.0	6,825	1.96	13,377
1978	86	75	35.0	2,625	3.35	8,794
1979	170	160	41.0	6,560	3.77	24,731
1980	160	150	40.0	6,000	3.95	23,700
1981	170	160	44.0	7,040	3.20	22,528
1982	145	125	43.5	5,438	3.30	17,945
1983	175	160	46.0	7,360	3.30	24,288
1984	180	170	46.0	7,820	3.25	25,415
1985	155	145	58.0	8,410	2.80	23,548
1986	165	155	49.0	7,595	.20	16,709
OATS						
1977	340	290	53.0	15,370	1.54	23,670
1978	350	300	59.0	17,700	1.34	23,718
1979	330	290	62.0	17,980	1.47	26,431
1980	320	280	64.0	17,920	1.99	35,661
1981	325	280	64.0	17,920	1.90	34,048
1982	320	280	65.0	18,200	1.57	28,574
1983	260	200	57.0	11,400	1.94	22,116
1984	230	180	59.0	10,620	1.95	20,739
1985	270	230	77.0	17,710	1.09	19,304
1986	230	190	65.0	12,350	1.15	14,203
RYE						
1977	105	9.0	31.0	279	2.00	558
1978	105	9.0	31.0	279	3.00	837
1979	107	10.0	32.0	320	2.50	800
1980	98	9.0	32.0	288	2.75	792
1981	100	9.0	32.0	288	4.00	1,152
1982	100	11.0	31.0	341	3.70	1,262
1983	106	13.0	32.0	416	3.00	1,248
1984	105	13.0	33.0	429	2.85	1,223
1985	110	12.0	35.0	420	2.70	1,134
1986	105	13.0	33.0	429	2.20	944
SOYBEANS						
1977	23	21.0	23.0	483	5.68	2,743
1978	25	24.0	23.0	552	6.36	3,511
1979	26	25.0	26.0	650	5.93	3,855
1980	20	19.0	24.0	456	7.50	3,420
1981	21	20.0	27.0	540	6.45	3,483
1982	23	22.0	26.0	572	5.50	3,146
1983	22	22.0	25.0	550	7.30	4,015
1984	22	21.0	28.0	588	5.45	3,205
1985	20	19.5	26.0	507	4.70	2,383
1986	24	23.0	31.0	713	4.45	3,173

1/ Prior to 1979 price includes an allowance for unredeemed loans and purchases by the government.

FIELD CROPS: Acreage, Yield, Production, Price, and Value, 1977-1986

Crop Year	Acres planted 1/	Acres harvested	Yield per acre	Production	Season average price 2/	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
CORN FOR GRAIN						
1977	1,375	640	87.0	55,680	2.20	122,496
1978	1,300	600	86.0	51,600	2.44	125,904
1979	1,300	650	92.0	59,800	2.75	164,450
1980	1,350	730	93.0	67,890	3.50	237,615
1981	1,460	830	93.0	77,190	2.66	205,325
1982	1,410	765	92.0	70,380	2.95	207,621
1983	1,200	600	90.0	54,000	3.54	191,160
1984	1,350	670	91.0	60,970	2.85	173,765
1985	1,380	720	95.0	68,400	2.45	167,580
1986	1,220	650	99.0	64,350	1.70	109,395
CORN SILAGE			Tons	1,000 tons	Dollars per ton	
1977	-	654	13.5	8,829	20.00	176,580
1978	-	682	13.5	9,207	19.40	178,616
1979	-	625	13.5	8,438	21.10	178,021
1980	-	600	14.5	8,700	21.20	184,440
1981	-	600	14.5	8,700	22.00	191,400
1982	-	630	13.5	8,505	22.50	191,363
1983	-	590	13.5	7,965	24.70	196,736
1984	-	665	13.5	8,978	24.60	220,859
1985	-	640	14.0	8,960	22.70	203,392
1986	-	540	14.5	7,830	21.90	171,477
ALFALFA HAY						
1977	-	990	2.35	2,327	-	-
1978	-	1,025	2.55	2,614	-	-
1979	-	1,040	2.75	2,860	-	-
1980	-	1,030	2.90	2,987	-	-
1981	-	990	2.70	2,673	-	-
1982	-	975	2.70	2,633	-	-
1983	-	930	2.80	2,604	-	-
1984	-	940	2.90	2,726	-	-
1985	-	930	2.80	2,604	-	-
1986	-	880	2.85	2,508	-	-
OTHER HAY						
1977	-	1,360	1.70	2,312	-	-
1978	-	1,450	1.85	2,683	-	-
1979	-	1,410	1.90	2,679	-	-
1980	-	1,400	2.00	2,800	-	-
1981	-	1,300	2.00	2,600	-	-
1982	-	1,325	2.00	2,650	-	-
1983	-	1,340	2.00	2,680	-	-
1984	-	1,320	2.00	2,640	-	-
1985	-	1,300	2.05	2,665	-	-
1986	-	1,320	2.10	2,772	-	-
ALL HAY						
1977	-	2,350	1.97	4,639	60.50	280,660
1978	-	2,475	2.14	5,297	57.50	304,578
1979	-	2,450	2.26	5,539	52.50	290,798
1980	-	2,430	2.38	5,787	58.00	335,646
1981	-	2,290	2.30	5,273	69.00	363,837
1982	-	2,300	2.30	5,283	77.00	406,791
1983	-	2,270	2.33	5,284	82.00	433,288
1984	-	2,260	2.37	5,366	81.50	437,329
1985	-	2,230	2.36	5,269	75.50	397,810
1986	-	2,200	2.40	5,280	74.50	393,360

1/ Complete utilization of corn acreage planted is shown on page 20. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

2/ Prior to 1979 price includes an allowance for unredeemed loans and purchases by the government.

FIELD CROPS: Acreage, Yield, Production, Disposition, Sales, Price, and Value, 1977-1986

Crop Year	Acres planted	Acres harvested	Yield per acre	Production	Used for feed and seed on farms where grown 1/	Sold	Season average price	Value of Production	Value of Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 Dollars	1,000 Dollars
POTATOES, LONG ISLAND									
1977	23,000	22,800	315	7,182	514	6,668	3.36	24,132	22,404
1978	23,500	23,300	265	6,175	505	5,670	3.99	24,638	22,623
1979	22,000	21,800	295	6,431	463	5,968	3.65	23,473	21,783
1980	19,000	18,800	255	4,794	297	4,497	10.00	47,940	44,970
1981	18,500	18,500	290	5,365	285	5,080	6.05	32,458	30,734
1982	19,300	19,000	270	5,130	300	4,830	4.20	21,546	20,286
1983	16,500	16,300	250	4,075	130	3,945	8.00	32,600	31,560
1984	13,600	13,500	265	3,577	167	3,410	5.40	19,316	18,414
1985	13,000	12,900	300	3,870	325	3,545	2.90	11,223	10,281
1986	9,000	8,900	280	2,492	2/	2/	6.85	17,070	2/
POTATOES, UPSTATE									
1977	27,500	20,600	260	5,356	1,020	4,336	4.83	25,869	20,943
1978	26,000	25,000	260	6,500	795	5,705	4.99	32,435	28,468
1979	25,500	23,500	275	6,463	737	5,726	4.65	30,053	26,626
1980	26,000	25,000	250	6,250	640	5,610	7.95	49,688	44,600
1981	26,500	25,000	275	6,875	815	6,060	6.20	42,625	37,572
1982	26,000	25,000	260	6,500	675	5,825	5.45	35,425	31,746
1983	25,500	24,500	230	5,635	605	5,030	7.75	43,671	38,983
1984	26,000	25,500	260	6,630	990	5,640	6.30	41,769	35,532
1985	26,000	25,500	250	6,375	775	5,600	4.45	28,369	24,920
1986	24,000	22,500	235	5,288	2/	2/	8.05	42,568	2/
POTATOES, ALL									
1977	50,500	43,400	289	12,538	1,534	11,004	3.94	50,001	43,347
1978	49,500	48,300	262	12,675	1,300	11,375	4.49	57,073	51,091
1979	47,500	45,300	285	12,894	1,200	11,694	4.14	53,526	48,409
1980	45,000	43,800	252	11,044	937	10,017	8.85	97,628	89,570
1981	45,000	43,500	281	12,240	1,100	11,140	6.15	75,083	68,306
1982	45,300	44,000	264	11,630	975	10,655	4.90	56,971	52,032
1983	42,000	40,800	238	9,710	735	8,975	7.85	76,271	70,543
1984	39,600	39,000	262	10,207	1,157	9,050	5.95	61,085	53,946
1985	39,000	38,400	267	10,245	1,100	9,145	3.85	39,592	35,201
1986	33,000	31,400	248	7,780	2/	2/	7.67	59,638	2/
DRY BEANS 3/			Lbs.						
1977	42,000	32,000	1,100	352	3	349	22.20	7,814	7,748
1978	45,000	42,000	1,020	428	4	424	17.90	7,661	7,590
1979	42,000	40,000	1,150	460	4	456	23.10	10,626	10,534
1980	51,000	48,000	1,280	614	4	610	26.50	16,271	16,165
1981	51,000	47,000	1,230	578	4/	4/	17.50	10,115	4/
1982	50,000	49,000	1,400	686	4/	4/	11.50	7,889	4/
1983	26,000	25,000	1,020	255	4/	4/	24.20	6,171	4/
1984	32,000	31,000	1,200	372	4/	4/	20.70	7,700	4/
1985	35,000	33,000	900	297	4/	4/	19.10	5,673	4/
1986	33,000	31,000	1,400	434	4/	4/	19.50	8,463	4/

1/ For potatoes include shrinkage during storage.
2/ Available September 25, 1987.
3/ Production by major varieties is shown on page 19.
4/ Estimates discontinued due to lack of federal funds.

POTATOES: Stocks Held by Growers and Local Dealers, 1977-1986 1/

Crop Year	December 1	January 1	February 1	March 1	April 1	May 1
			1,000 cwt.			
LONG ISLAND						
1977	3,200	2,200	1,400	800	300	2/
1978	3,000	2,250	1,200	600	200	80
1979	3,300	2,400	1,500	1,000	450	85
1980	1,850	1,400	900	500	3/	3/
1981	1,860	1,250	750	350	3/	3/
1982	2,600	1,800	1,000	550	280	3/
1983	1,550	1,200	800	450	250	3/
1984	1,550	1,100	700	400	150	3/
1985	2,000	1,450	1,000	600	300	3/
1986	600	350	100	3/	3/	3/
UPSTATE						
1977	3,000	2,200	1,700	1,200	650	2/
1978	3,300	2,400	1,800	1,200	700	300
1979	3,200	2,500	1,400	800	400	120
1980	3,100	2,150	1,300	800	290	155
1981	3,900	2,550	1,650	1,100	650	300
1982	3,800	3,000	2,250	1,750	1,050	500
1983	3,100	2,600	1,900	1,400	700	350
1984	3,100	2,700	2,000	1,400	900	400
1985	3,700	2,700	2,000	1,400	800	250
1986	2,500	2,000	1,300	750	300	100
STATE TOTAL						
1977	6,200	4,400	3,100	2,000	950	2/
1978	6,300	4,650	3,000	1,800	900	380
1979	6,500	4,900	2,900	1,800	850	205
1980	4,950	3,550	2,200	1,300	3/	3/
1981	5,760	3,800	2,400	1,450	3/	3/
1982	6,400	4,800	3,250	2,300	1,330	3/
1983	4,650	3,800	2,700	1,850	950	3/
1984	4,650	3,800	2,700	1,800	1,050	3/
1985	5,700	4,150	3,000	1,700	1,100	3/
1986	3,100	2,350	1,400	3/	3/	3/

1/ Total stocks consisting of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.
2/ May 1 stocks not estimated prior to 1978.
3/ Not published to avoid disclosure of individual operations.

DRY BEANS: Harvested Acres and Production, by Class, 1977-1986

Crop Year	Red Kidney		Black Turtle Soup		Other		Total	
	Harvested acres	Production	Harvested acres	Production	Harvested acres	Production	Harvested acres	Production
	Acres	1,000 cwt.	Acres	1,000 cwt.	Acres	1,000 cwt.	Acres	1,000 cwt.
1977	24,000	260	5,000	62	3,000	30	32,000	352
1978	31,500	315	8,000	88	2,500	25	42,000	428
1979	28,000	314	10,000	123	2,000	23	40,000	460
1980	28,000	348	18,000	241	2,000	25	48,000	614
1981	25,000	293	19,500	254	2,500	31	47,000	578
1982	35,500	497	8,500	119	5,000	70	49,000	686
1983	21,500	215	1,500	18	2,000	22	25,000	255
1984	22,000	261	6,000	75	3,000	36	31,000	372
1985	22,600	205	8,000	72	2,400	20	33,000	297
1986	23,000	311	6,000	97	2,000	26	31,000	434

CORN: Acreage Utilization, 1977-1986

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and Abandoned
		1,000 acres					
1977	1,375	640				654	81
1978	1,300	600				682	18
1979	1,300	650				625	15
1980	1,350	730	1/	1/	1/	600	20
1981	1,460	830	565	200	65	600	30
1982	1,410	765	520	170	75	630	20
1983	1,200	600	366	156	78	590	10
1984	1,350	670	405	175	90	665	15
1985	1,380	720	455	175	90	640	20
1986	1,220	650	400	185	65	540	30

1/ Data not available prior to 1981.

FEED GRAIN: Production and Quantities Fed, 1977-1986

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
		1,000 tons	
1977	1,816	2,261	445
1978	1,738	2,514	776
1979	1,975	2,526	551
1980	2,199	2,527	328
1981	2,459	2,580	121
1982	2,273	2,613	340
1983 1/	1,719	2,618	899
1984 1/	1,911	2,549	638
1985 1/	2,229	2,600	371
1986	2,024	2,525	501

1/ Revised.

FEED GRAIN OUTPUT DOWN - LESS GRAIN FED

Feed grain production in New York during 1986 was down nine percent from a year earlier because of short falls in corn, oats, and barley output. During the same annual period, a five percent decline in grain consuming animal units was partly offset by a slightly higher amount of grain fed per animal unit. As a result, the State's feed grain deficit grew again this year after two consecutive years of declines.

During the early 1970's nearly two million tons of feed grain were being brought into New York annually to meet the feeding requirements of the State's livestock and poultry industry. By the end of the decade, the deficit had dwindled to just over half a million tons. During 1981, feed grain production was at a record high and the deficit fell to an all time low of 121 thousand tons. The quantity produced during 1986 met only 80 percent of the feeding requirements so 501 thousand tons had to be brought in.

VEGETABLES

The value of New York State vegetable production in 1986 totaled $189 million. This was 9 percent above the total value in each of the previous two years. The State's principal fresh market crops were valued at $162 million, up 20 percent from 1985 and 16 percent from 1984. Principal processing vegetables totaled out at $26.5 million in 1986. This was down 30 percent from 1985 and 22 percent from 1984.

Production from New York's principal fresh market vegetables amounted to 11.0 million hundredweight, 7 percent below 1985 and 9 percent below 1984. Production from the 5 principal processing vegetable crops totaled 300 thousand tons, down 16 percent from 1985 and 19 percent from 1984.

PRINCIPAL VEGETABLES FOR FRESH MARKET 1/

Year	Planted acreage	Harvested acreage	Production	Value
	--- 1,000 acres ---		1,000 cwt.	Mil. dol.
1977	73.2	65.3	11,256	90.0
1978	69.2	64.9	11,450	108.5
1979	71.4	67.9	12,277	107.3
1980	73.5	69.8	11,859	156.5
1981	75.2	72.2	11,480	155.9
1982	74.6	71.9	13,143	131.5
1983	74.5	71.0	10,696	173.6
1984	76.9	73.7	12,148	139.7
1985	76.5	72.9	11,859	135.7
1986	72.1	67.4	11,030	162.3

1/ Includes processing totals for dual usage crops (carrots and cauliflower).

PRINCIPAL VEGETABLES FOR PROCESSING 1/

Year	Planted acreage	Harvested acreage	Production	Value
	--- 1,000 acres ---		1,000 tons	Mil. dol.
1977	86.7	72.9	342.4	25.0
1978	90.0	85.7	370.0	28.0
1979	86.1	80.7	390.7	30.3
1980	80.8	76.6	358.1	31.6
1981	78.4	74.5	355.6	33.7
1982	78.1	75.7	388.0	36.1
1983	77.3	73.8	318.3	31.7
1984	80.2	75.6	369.3	33.8
1985	83.7	80.5	355.9	37.6
1986	67.7	65.6	299.5	26.5

1/ Includes snap beans, beets, cabbage for kraut, sweet corn, and green peas.

VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Price per cwt.	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
CARROTS 1/						
1977	1,200	1,100	310	341	9.84	3,356
1978	1,300	1,200	300	360	4.76	1,714
1979	1,200	1,100	290	319	4.55	1,451
1980	1,100	1,000	365	365	8.56	3,123
1981	1,200	1,100	355	391	9.58	3,747
1982	1,700	1,600	330	528	8.63	4,555
1983	1,700	1,600	325	520	7.20	3,761
1984	1,700	1,600	355	568	5.82	3,305
1985	1,500	1,400	385	539	9.63	5,247
1986	1,500	1,400	400	560	10.20	5,706
CAULIFLOWER 1/ 2/						
Long Island						
1977	1,500	1,450	110	160	19.70	3,149
1978	1,360	1,320	89	117	18.65	2,182
1979	1,500	1,500	90	135	18.70	2,524
1980	1,800	1,500	104	156	20.20	3,156
1981	2,000	1,900	135	257	26.00	6,682
1982	2,000	1,900	125	238	19.60	4,668
1983	2,100	1,800	120	216	29.10	6,284
1984	2,200	2,000	130	260	27.60	7,163
1985	2,100	2,000	110	220	24.50	5,379
1986	1,700	1,600	120	192	30.00	5,758
Upstate						
1977	1,500	1,250	100	158	22.40	2,800
1978	1,340	1,280	85	108	17.80	1,922
1979	1,600	1,500	102	153	15.70	2,400
1980	1,800	1,700	100	170	19.50	3,320
1981	1,900	1,700	120	204	20.10	4,100
1982	1,900	1,800	120	216	18.80	4,061
1983	1,800	1,700	105	179	20.60	3,687
1984	2,000	1,900	110	209	21.60	4,514
1985	2,000	1,900	120	228	17.50	3,990
1986	1,800	1,500	110	165	29.10	4,802
State Total						
1977	3,000	2,700	118	318	18.70	5,949
1978	2,700	2,600	87	225	18.20	4,104
1979	3,100	3,000	96	288	17.10	4,924
1980	3,600	3,200	102	326	19.90	6,476
1981	3,900	3,600	128	461	23.00	10,782
1982	3,900	3,700	123	454	19.00	8,645
1983	3,900	3,500	113	395	25.20	9,971
1984	4,200	3,900	120	469	24.90	11,677
1985	4,100	3,900	115	448	20.90	9,369
1986	4,500	3,100	115	357	29.60	10,560

1/ Includes quantities used for processing.
2/ Cauliflower yield and production are in terms of "close trim" as used for cello-wrap packaging. Weight of close trim is approximately 55 percent of usual field pack.

VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Price per cwt.	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
CELERY 1/						
1977	600	550	420	231	8.52	1,967
1978	700	700	420	294	15.54	4,569
1979	650	600	468	281	9.03	2,537
1980	770	710	425	302	9.32	2,814
1981	680	680	465	316	13.20	4,171
1982	740	730	480	350	10.40	3,640
1983	770	730	410	299	13.80	4,126
1984	810	750	400	300	10.30	3,090
1985	610	610	405	247	11.50	2,841
1986	470	470	410	193	15.60	3,011
CUCUMBERS						
1977	2,600	2,200	115	253	10.70	2,707
1978	2,700	2,500	105	263	11.40	2,998
1979	2,900	2,700	115	311	12.10	3,763
1980	3,400	3,200	110	352	10.40	3,661
1981	3,600	3,500	115	403	14.20	5,723
1982	3,600	3,500	110	385	12.30	4,735
1983	3,200	3,100	115	357	13.40	4,784
1984	3,300	3,200	105	336	13.30	4,469
1985	3,300	3,200	115	368	15.90	5,851
1986	3,600	3,500	125	438	11.40	4,993
LETTUCE						
1977	4,200	3,300	200	660	8.71	5,749
1978	4,100	3,500	190	665	9.95	6,617
1979	4,000	3,600	195	702	12.00	8,424
1980	4,100	3,800	210	798	13.60	10,853
1981	4,100	3,800	195	741	18.10	13,412
1982	4,200	4,000	210	840	13.30	11,172
1983	4,400	4,000	195	780	15.50	12,090
1984	4,200	3,800	205	779	15.40	11,997
1985	4,100	3,700	205	759	12.40	9,412
1986	3,700	3,100	200	620	13.50	8,370
SNAP BEANS						
1977	8,600	7,400	36	266	22.40	5,948
1978	6,500	6,000	40	240	25.90	6,216
1979	6,500	6,100	39	238	27.40	6,521
1980	6,000	5,500	45	248	29.60	7,341
1981	6,300	6,100	40	244	33.10	8,076
1982	5,700	5,400	45	243	29.70	7,217
1983	5,200	5,000	47	235	39.50	9,283
1984	4,800	4,700	45	212	35.00	7,420
1985	4,300	4,200	47	197	31.40	6,186
1986	4,000	3,700	46	170	37.30	6,341

1/ Includes quantities used for processing.

VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Price per cwt.	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
STRAWBERRIES 1/						
1977	2,200	2,100	43	90	54.40	4,899
1978	2,300	2,200	49	108	53.90	5,819
1979	2,600	2,500	55	138	55.90	7,709
1980	2,800	2,700	53	143	41.40	5,921
1981	2,900	2,800	46	129	46.10	5,947
1982	2,900	2,800	45	126	53.10	6,691
1983	3,100	3,000	45	135	46.30	6,251
1984	3,100	3,000	51	153	54.70	8,369
1985	3,400	3,300	51	168	44.60	7,493
1986	3,400	3,300	55	182	41.90	7,626
SWEET CORN						
1977	23,500	20,500	74	1,517	6.12	9,284
1978	22,300	21,000	63	1,323	6.69	8,851
1979	22,700	21,700	65	1,411	8.43	11,895
1980	24,600	23,500	75	1,763	9.51	16,766
1981	25,400	24,500	71	1,740	10.80	18,792
1982	25,000	24,000	78	1,872	10.30	19,282
1983	26,700	25,300	76	1,923	10.30	19,807
1984	28,200	26,800	76	2,037	11.80	24,037
1985	30,000	28,400	67	1,903	10.30	19,601
1986	26,500	24,700	71	1,754	13.30	23,328
TOMATOES						
1977	3,500	3,000	93	279	21.20	5,915
1978	3,300	3,000	110	330	20.20	6,666
1979	3,300	3,000	130	390	25.40	9,906
1980	3,400	3,200	130	416	28.60	11,898
1981	3,300	3,200	135	432	27.40	11,837
1982	3,600	3,500	120	420	27.90	11,718
1983	3,400	3,200	100	320	22.80	7,296
1984	3,100	3,000	110	330	28.20	9,306
1985	3,000	2,800	140	392	27.20	10,662
1986	2,400	2,200	130	286	29.90	8,551

1/ Includes small quantities processed.

VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, Sales, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Sales	Price per cwt.	Value of Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
CABBAGE							
Long Island							
1977	1,400	1,400	246	344	344	6.61	2,274
1978	1,400	1,300	257	334	334	6.81	2,276
1979	1,600	1,500	284	426	426	8.26	3,519
1980	1,500	1,300	242	315	315	11.00	3,452
1981	1,600	1,400	250	350	350	6.64	2,324
1982	1,300	1,200	250	300	300	8.06	2,418
1983	1,200	1,100	250	275	275	9.45	2,599
1984	1,600	1,500	245	368	368	6.25	2,300
1985	1,500	1,300	250	325	325	9.70	3,153
1986	2,100	1,900	260	494	494	16.50	8,151
Upstate 1/							
1977	8,400	7,700	377	2,900	2,296	7.22	16,571
1978	7,400	7,000	428	2,999	2,724	10.60	28,768
1979	7,800	7,500	394	2,955	2,555	4.85	12,387
1980	7,600	7,400	324	2,398	2,198	9.80	21,533
1981	7,600	7,200	325	2,340	2,145	8.25	17,696
1982	7,700	7,500	410	3,075	2,583	6.93	17,900
1983	7,300	7,200	370	2,664	2,446	18.90	46,229
1984	7,500	7,300	440	3,212	2,794	8.25	23,051
1985	7,200	6,900	370	2,553	2,305	7.20	16,596
1986	7,600	7,200	350	2,520	2,243	10.70	24,000
State Total							
1977	9,800	9,100	356	3,244	2,640	7.14	18,845
1978	8,800	8,300	402	3,333	3,058	10.20	31,044
1979	9,400	9,000	376	3,381	2,981	5.34	15,906
1980	9,100	8,700	312	2,713	2,513	9.94	24,985
1981	9,200	8,600	313	2,690	2,495	8.02	20,020
1982	9,000	8,700	388	3,375	2,883	7.02	20,318
1983	8,500	8,300	354	2,939	2,721	17.94	48,828
1984	9,100	8,800	407	3,580	3,162	8.02	25,351
1985	8,700	8,200	350	2,878	2,630	7.51	19,749
1986	9,700	9,100	331	3,014	2,737	11.75	32,151

1/ Production includes the following amounts lost from shrinkage and waste: (000 cwt.) 1977-604, 1978-275, 1979-400, 1980-200, 1981-195, 1982-492, 1983-218, 1984-418, 1985-248, 1986-277. Sales and value of sales excludes shrinkage and waste.

CABBAGE: Fresh Market, Upstate New York Production and Stocks, 1977-86

Crop Year	Harvested production	November 15 stocks		January 1 stocks	
		Amount on hand	Percent of production	Amount on hand	Percent of production
	1,000 cwt.	1,000 cwt.	Percent	1,000 cwt.	Percent
1977	2,900	1,115	38	950	33
1978	2,999	1,300	43	1,170	39
1979	2,955	1,475	50	1,280	43
1980	2,398	1,220	51	775	32
1981	2,340	1,065	46	910	39
1982	3,075	1,450	47	1,330	43
1983	2,664	1,230	46	875	33
1984	3,212	1,740	54	1,420	44
1985	2,553	1,220	48	1,330	52
1986	2,520	1,280	51	928	37

VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, Sales, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Sales	Price per cwt.	Value of Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
ONIONS 1/							
1977	14,000	13,300	305	4,057	3,246	7.81	25,367
1978	14,500	13,900	310	4,309	3,814	7.85	29,929
1979	14,900	14,600	330	4,818	4,360	7.85	34,245
1980	14,600	14,300	310	4,433	4,133	15.10	62,612
1981	14,600	14,300	275	3,933	3,630	14.70	53,390
1982	14,300	14,000	325	4,550	4,071	8.23	33,521
1983	13,600	13,300	210	2,793	2,449	19.40	47,444
1984	14,400	14,100	240	3,384	2,876	10.70	30,696
1985	13,500	13,200	300	3,960	3,469	11.30	39,317
1986	13,300	12,800	270	3,456	3,019	17.10	51,668

1/ Production includes the following amounts lost from shrinkage and waste: (000 cwt.) 1977-811, 1978-495, 1979-458, 1980-300, 1981-303, 1982-479, 1983-344, 1984-508, 1985-491, 1986-437. Sales and value of sales exclude shrinkage and waste.

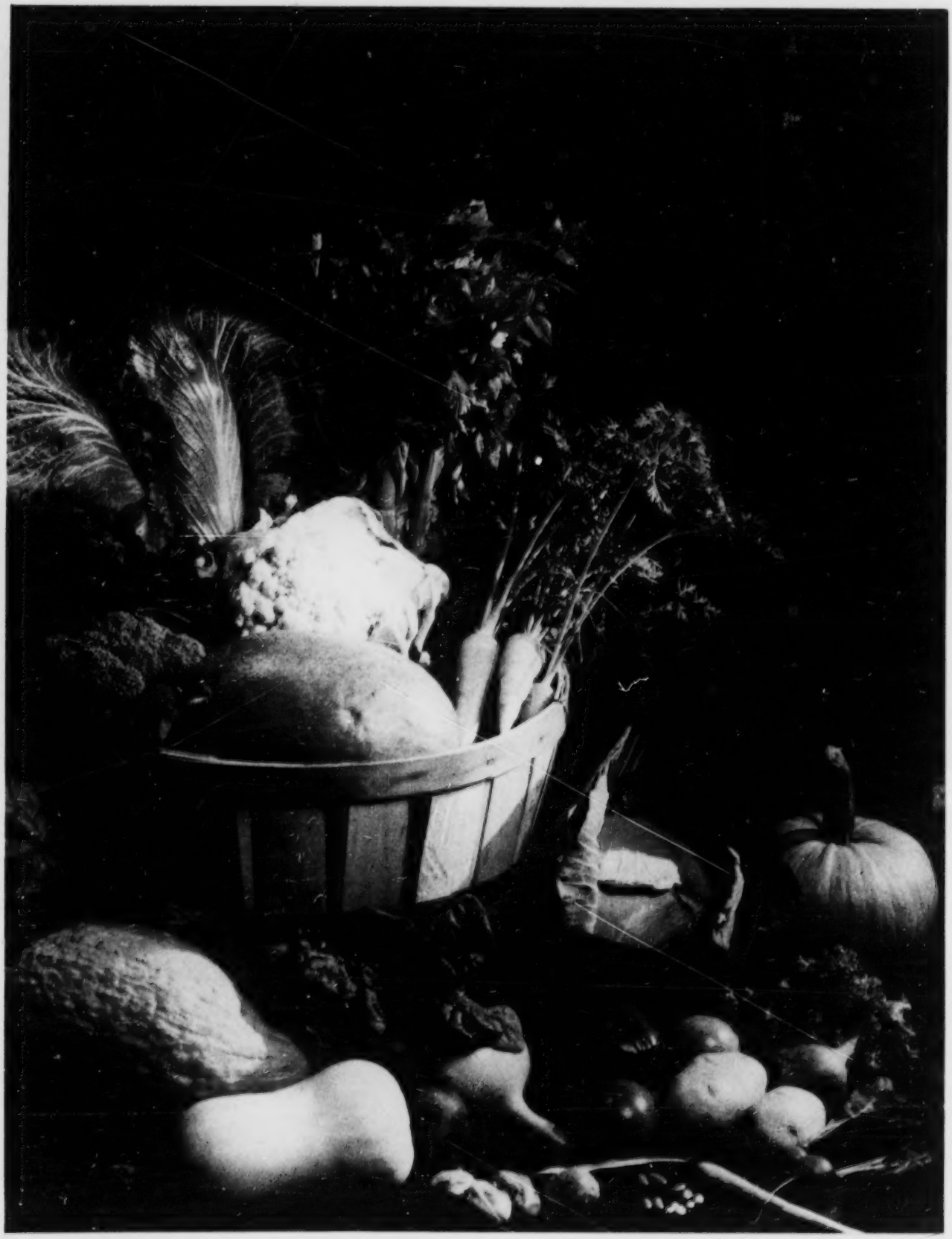
ONIONS: Acres, Yield and Production, by Areas, 1977-86

Year	Orange County	Orleans-Genesee 1/	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
HARVESTED ACRES							
1977	7,200	2,850	980	970	700	600	13,300
1978	7,300	3,000	1,000	1,300	700	600	13,900
1979	7,500	3,250	1,250	1,300	700	600	14,600
1980	7,300	3,400	950	1,250	700	700	14,300
1981	7,700	3,100	950	1,200	750	600	14,300
1982	7,650	2,900	850	1,100	950	550	14,000
1983	7,250	2,850	850	1,000	850	500	13,300
1984	7,500	2,900	1,200	1,000	950	550	14,100
1985	7,400	2,800	1,250	750	600	400	13,200
1986	7,100	2,500	1,350	800	650	400	12,800
YIELD PER ACRE - CWT.							
1977	320	305	270	255	285	285	305
1978	315	320	350	210	343	310	310
1979	325	345	365	270	350	340	330
1980	315	310	330	260	320	309	310
1981	260	315	325	195	335	268	275
1982	330	340	360	280	295	264	325
1983	205	215	260	195	210	198	210
1984	220	240	340	200	300	264	240
1985	315	230	395	230	350	270	300
1986	280	260	290	200	280	210	270
PRODUCTION - 1,000 CWT.							
1977	2,305	869	265	247	200	171	4,057
1978	2,300	960	350	273	240	186	4,309
1979	2,441	1,121	456	251	245	204	4,818
1980	2,300	1,054	314	325	224	216	4,433
1981	2,002	976	309	234	251	161	3,933
1982	2,525	986	306	308	280	145	4,550
1983	1,486	613	221	195	179	99	2,793
1984	1,650	696	408	200	285	145	3,384
1985	2,331	644	494	173	210	108	3,960
1986	1,988	650	392	160	182	84	3,456

1/ Includes small acreages in Livingston and Niagara Counties.

VEGETABLES FOR PROCESSING: Acres, Yield, Production, Price, and Value, 1977-86

Crop and Year	Planted acreage	Harvested acreage	Yield per acre	Production	Price per ton	Value
	Acres	Acres	Tons	Tons	Dollars	1,000 dollars
BEETS						
1977	4,600	3,600	14.33	51,600	35.00	1,806
1978	5,300	5,000	14.50	72,500	40.10	2,907
1979	5,300	5,000	15.82	79,100	37.30	2,950
1980	3,900	3,800	17.14	65,130	43.10	2,807
1981	3,300	3,200	17.85	57,120	44.10	2,519
1982	3,600	3,500	17.60	61,600	43.30	2,667
1983	2,300	2,300	14.00	32,200	46.60	1,501
1984	3,000	2,100	16.03	33,660	46.90	1,579
1985	2,400	2,300	15.94	36,660	45.90	1,683
1986	2,400	2,000	15.15	30,300	47.60	1,442
CABBAGE FOR KRAUT						
1977	4,300	4,100	22.18	90,950	29.90	2,719
1978	4,200	4,000	20.50	82,000	29.90	2,452
1979	3,700	3,400	25.20	85,680	29.60	2,536
1980	3,700	3,400	24.65	83,810	31.50	2,640
1981	3,600	3,500	25.60	89,600	35.70	3,199
1982	3,200	3,200	25.45	81,440	35.10	2,859
1983	3,000	3,000	17.07	51,210	35.00	1,792
1984	3,200	3,200	25.00	80,000	36.30	2,904
1985	3,200	3,100	25.32	78,490	36.70	2,881
1986	2,000	2,000	27.00	54,000	35.20	1,901
GREEN PEAS						
1977	5,300	5,200	1.38	7,200	248.00	1,786
1978	5,800	5,700	1.42	8,100	250.00	2,025
1979	6,300	6,200	1.68	10,420	249.00	2,595
1980	6,200	6,000	1.68	10,080	278.00	2,802
1981	7,900	7,800	1.85	14,430	284.00	4,098
1982	9,400	8,800	1.70	14,960	286.00	4,279
1983	9,400	9,200	1.50	13,800	285.00	3,933
1984	9,600	9,200	1.64	15,090	301.00	4,542
1985	12,100	12,000	2.34	28,080	305.00	8,564
1986	9,100	8,700	1.85	16,100	281.00	4,524
SNAP BEANS						
1977	49,100	43,000	2.23	96,100	149.00	14,320
1978	52,300	50,700	2.13	107,850	150.00	16,178
1979	49,200	45,600	2.33	106,250	161.00	17,106
1980	49,100	46,400	2.44	113,220	169.00	19,134
1981	41,900	38,900	2.47	96,080	185.00	17,775
1982	36,400	35,600	2.82	100,390	178.00	17,869
1983	34,500	33,800	2.61	88,220	178.00	15,703
1984	35,100	32,800	2.52	82,660	181.00	14,961
1985	35,000	33,400	2.73	91,180	184.00	16,777
1986	26,500	25,800	2.34	60,370	170.00	10,263
SWEET CORN						
1977	23,400	17,000	5.68	96,500	45.70	4,408
1978	22,400	20,300	4.90	99,500	45.00	4,478
1979	21,600	20,500	5.33	109,260	47.00	5,135
1980	17,900	17,000	5.05	85,850	48.90	4,198
1981	21,700	21,100	4.66	98,330	62.10	6,106
1982	25,500	24,600	5.27	129,640	64.80	8,401
1983	28,100	25,500	5.21	132,860	66.10	8,782
1984	29,300	28,300	5.58	157,910	62.40	9,854
1985	31,000	29,700	4.09	121,470	63.70	7,738
1986	27,700	27,100	5.12	138,750	60.00	8,325



FRUIT

The value of New York's 1986 tree fruit and grape production totaled 129.6 million dollars, 18 percent above the 1985 value of 110.1 million dollars.

The 1986 apple crop in New York was down 13 percent in total production to 950 million pounds. Total apple production for Eastern New York was 320 million pounds, up 3 percent from the 310 million pounds produced in 1985. Western New York apple production totaled 630 million pounds, 19 percent below the record 780 million pounds produced in the region in 1985.

Grape production in New York increased 14 percent from last year to 164,000 tons. Concord production, at 111,000 tons, increased 2 percent from 1985. The value of the New York grape crop is estimated at 32.4 million dollars, 53 percent above the 1985 value.

New York's tart cherry crop for 1986 totaled 13.0 million pounds, 42 percent below the 22.5 million pounds produced in 1985. The 1986 value of production totaled 2.8 million dollars, 51 percent below the 1985 value of 5.8 million dollars.

Utilized production from the 1986 sweet cherry crop, at 1,400 tons, was down 7 percent from the 1,500 tons utilized in 1985. The New York crop is valued at 1.2 million dollars compared to 1.0 million in 1985.

Peach production in the Empire State was set at 14.0 million pounds for 1986, down 3 percent from the 14.5 million pounds produced last year. The 1986 crop is valued at 3.3 million dollars, up 2 percent from 1985.

Production of pears, at 19,000 tons was up 19 percent from the 1985 crop of 16,000 tons. The value of the 1986 crop, at 3.8 million dollars, is 3 percent below a year ago.

FRUIT: Production and Value of Major Fruits, 1977-1986 1/

Year	Utilized production	Value
	Tons	1,000 dollars
1977	581,200	111,217
1978	767,450	154,434
1979	721,250	160,581
1980	771,300	158,175
1981	576,750	150,743
1982	761,950	150,083
1983	783,000	165,327
1984	738,850	162,322
1985	719,250	2/110,132
1986	671,550	2/129,640

1/ Includes apples, grapes, tart and sweet cherries, peaches and pears. 2/ Total value reflects the packinghouse door equivalent for apples. Based on the "as sold" price for apples, the total value comparable to prior years is as follows: (million dollars) 1985-141,268; 1986-159,570.

APPLES: Bearing Acres, Production, Price, and Value, 1977-1986

Season	Acres of bearing age	Production				Price per pound	Value of utilized production
		Eastern	Western	Total	Utilized production 1/		
	Thousands	Million pounds			Million lbs.	Cents	1,000 dollars
1977	60.0	380	520	900	900	8.60	77,400
1978	63.0	400	680	1,080	1,080	8.50	91,800
1979	62.0	355	680	1,035	1,035	10.00	103,500
1980	63.0	370	730	1,100	1,100	9.40	103,400
1981	64.0	270	530	800	800	12.80	102,300
1982	65.0	405	725	1,130	1,130	8.90	100,490
1983	65.0	370	730	1,100	1,100	9.80	107,430
1984	62.8	305	715	1,020	1,020	11.20	114,027
1985	63.8	310	780	1,090	1,079	2/7.00	2/75,085
1986	65.3	320	630	950	930	9.30	86,100

1/ Excludes the following quantities not harvested for economic reasons: (million pounds) 1985 - 11.0, 1986 - 20.0.
2/ Beginning in 1985 price and value as published is based on packinghouse door equivalent. The as sold price and value for 1985 is 9.8 cents per pound and 106,221,000 dollars total value. The as sold price and value for 1986 is 12.5 cents per pound and 116,030,000 dollars total value.

APPLES: Utilization and Price, 1977-1986

Season	Fresh Use		Processed			
	Quantity	Price per pound	Total	Price per ton	Canned	Price per ton
	Million lbs.	Cents	Million lbs.	Dollars	Million lbs.	Dollars
1977	360.0	13.7	540.0	104.00	243.0	118.00
1978	425.0	13.5	655.0	103.00	293.0	111.00
1979	405.0	17.5	630.0	103.00	232.0	118.00
1980	410.0	18.0	690.0	86.00	257.0	94.00
1981	350.0	21.0	450.0	127.00	180.0	138.00
1982	410.0	14.5	720.0	114.00	310.0	124.00
1983	435.0	16.9	665.0	102.00	250.0	116.00
1984	401.0	20.1	619.0	107.00	213.0	132.00
1985	379.0	11.5	700.0	89.00	280.0	110.00
1986	Available July 8, 1987					

Season	Processed							
	Juice and Cider	Price per ton	Frozen	Price per ton	Dried	Price per ton	Other 1/	Price per ton
	Million lbs.	Dollars	Million lbs.	Dollars	Million lbs.	Dollars	Million lbs.	Dollars
1977	205.0	78.00	42.0	129.00	35.0	117.00	15.0	120.00
1978	250.0	86.60	44.0	125.00	47.0	111.00	21.0	123.00
1979	289.0	82.00	46.0	142.00	47.0	110.00	16.0	140.00
1980	335.0	76.00	45.0	124.00	34.0	90.00	19.0	88.00
1981	214.0	110.00	25.0	178.00	19.0	134.00	12.0	164.00
1982	303.0	95.00	43.0	134.00	32.0	118.00	32.0	159.00
1983	343.0	84.00	34.0	138.00	21.0	130.00	17.0	147.00
1984	310.0	84.00	56.0	126.00	26.0	124.00	14.0	146.00
1985	359.0	66.00	26.0	126.00	16.0	114.00	19.0	128.00
1986	Available July 8, 1987							

1/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, etc.

APPLES: Production by Varieties, 1977-1986 1/

Variety	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
					Million pounds					
Cortland	84.0	91.0	86.0	84.0	61.0	86.0	84.0	82.0	78.0	60.0
Crispin (Mutsu)	2/	2/	2/	2/	2/	2/	2/	2/	15.0	13.0
Delicious	86.0	120.0	133.0	155.0	96.0	147.0	160.0	127.0	162.0	106.0
Empire	2/	2/	2/	2/	2/	2/	2/	2/	36.0	31.0
Golden Delicious	50.0	60.0	64.0	64.0	50.0	65.0	55.0	46.0	64.0	54.0
Idared	35.0	51.0	50.0	68.0	51.0	70.0	60.0	61.0	87.0	72.0
McIntosh	300.0	317.0	308.0	294.0	223.0	322.0	295.0	266.0	239.0	210.0
Monroe	9.0	11.0	13.0	17.0	12.0	15.0	17.0	10.0	15.0	14.0
Northern Spy	24.0	27.0	26.0	21.0	15.0	23.0	24.0	20.0	23.0	22.0
R.I. Greening	110.0	156.0	126.0	116.0	86.0	123.0	128.0	122.0	113.0	120.0
Rome	104.0	121.0	116.0	142.0	112.0	145.0	147.0	133.0	131.0	130.0
Twenty Ounce	28.0	38.0	33.0	46.0	28.0	39.0	40.0	36.0	35.0	34.0
Other	70.0	88.0	80.0	93.0	66.0	95.0	90.0	117.0	92.0	84.0
All Varieties 1/	900.0	1,080.0	1,035.0	1,100.0	800.0	1,130.0	1,100.0	1,020.0	1,090.0	950.0
					Thousand 42 pound equivalents					
All Varieties'	21,429	25,714	24,693	26,190	19,048	26,905	26,190	24,285	25,952	22,619

1/ Total production. Includes the following quantities not harvested for economic reasons: (million pounds) 1985-56.0.
2/ Included in "Other".

APPLES: Receipts and Utilization at New York Processing Plants and Cider Mills, 1977-1986

Crop Year	Total received 1/	Receipts from other state 2/	Used for cider and apple juice 3/	Used for canning or applesauce	Used for freezing	Other products 3/ 4/	Cider and juice pressed 5/
			Million pounds				Gallons
1977	492.0	26.2	190.8	218.9	34.3	48.0	18,947,000
1978	600.6	27.6	239.4	260.5	40.7	60.0	24,834,000
1979	632.2	35.1	308.1	226.6	41.5	56.0	28,159,000
1980	667.3	44.2	349.5	229.7	39.9	48.2	36,855,000
1981	455.4	42.9	238.1	164.7	22.6	27.8	27,162,000
1982	730.4	51.9	336.5	288.3	42.6	63.0	28,304,000
1983	618.6	38.3	342.8	212.2	26.2	37.5	29,175,000
1984	568.7	16.5	305.2	192.6	32.6	38.2	26,771,000
1985	678.9	17.1	351.0	268.3	25.9	33.8	31,080,000
1986	Available July 8, 1987						

1/ Apples transferred to another plants for processing are included only in plant where processed.
2/ Included in preceding column.
3/ Apples used in making vinegar are excluded from the cider and juice category and included under "Other products".
4/ Jelly, apple butter, mincemeat, fresh sliced apples for pies and dried apples.
5/ Includes cider and juice pressed from purchased skins and cores and juice prior to concentrating.

APPLES: Processing Plants in Operation and Establishments Making Specified Products, 1977-1986

Crop Year	Plants in Operation	Plants Making		
		Cider and Juice	Canned apple products 1/	Frozen apple products
1977	157	141	11	6
1978	174	160	10	6
1979	156	144	9	6
1980	144	136	8	5
1981	138	130	7	4
1982	146	129	7	4
1983	137	131	6	4
1984	136	130	5	4
1985	127	121	6	3
1986	Available July 8, 1987			

1/ Includes canned apple slices, baby food, etc.

APPLES: Holdings in Cold Storage, End-of-Month, 1977-1986 1/

Month	Total Holdings									
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	Thousand bushels									
EASTERN NEW YORK										
September	2,323	2,054	2,625	2,387	1,632	2,064	1,317	1,129	1,693	2,289
October	5,221	5,837	5,775	5,791	3,945	5,381	5,299	4,663	4,699	4,019
November	4,574	5,151	5,033	5,428	3,448	4,761	5,185	4,507	4,218	3,987
December	3,777	4,492	4,357	4,663	3,027	4,176	3,954	3,581	3,771	2,994
January	3,232	3,740	3,632	4,014	2,574	3,324	3,040	3,334	2,910	2,637
February	2,349	2,808	2,783	3,147	1,915	2,666	2,657	2,357	2,421	1,784
March	1,551	1,975	1,796	2,282	1,238	1,923	1,706	1,694	1,622	1,103
April	932	1,343	1,096	1,459	694	1,374	1,047	1,051	1,011	709
WESTERN NEW YORK										
September	1,037	808	1,059	417	881	1,132	523	546	802	1,178
October	3,679	3,803	3,786	3,424	2,937	4,398	3,771	3,859	4,662	4,222
November	3,852	3,998	3,800	3,907	2,537	5,839	4,164	4,139	4,716	4,111
December	2,888	3,386	2,737	3,157	1,789	3,759	3,101	3,239	4,492	3,102
January	1,852	1,975	1,594	2,126	1,264	2,343	2,291	2,049	3,203	2,488
February	966	1,244	896	1,446	651	1,487	1,390	1,245	2,266	1,800
March	451	606	497	940	465	961	955	796	1,293	1,112
April	187	314	271	522	244	707	575	478	775	544
TOTAL NEW YORK										
August	12	5	13	2	3	8	2	2	29	23
September	3,360	2,862	3,684	2,804	2,513	3,196	1,840	1,675	2,495	3,467
October	8,900	9,640	9,561	9,215	6,882	9,779	9,070	8,522	9,361	8,241
November	8,426	9,149	8,833	9,335	5,985	10,600	9,349	8,646	8,934	8,098
December	6,665	7,878	7,094	7,820	4,816	7,935	7,055	6,820	8,263	6,096
January	5,084	5,715	5,226	6,140	3,838	5,667	5,331	5,383	6,113	5,125
February	3,315	4,052	3,679	4,593	4,566	4,153	4,047	3,602	4,687	3,584
March	2,002	2,581	2,293	3,222	1,703	2,884	2,661	2,490	2,915	2,215
April	1,119	1,657	1,367	1,981	938	2,081	1,622	1,529	1,786	1,253
May	363	657	457	1,060	298	890	743	637	786	
June	56	199	40	360	94	386	125	126	242	
July	3	4	-	184	16	77	4	38	68	

Month	Controlled Atmosphere Storage									
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	Thousand bushels									
EASTERN NEW YORK										
September	1,394	1,358	1,804	1,731	1,155	1,364	895	816	1,270	1,269
October	3,347	3,677	3,820	3,917	2,791	3,720	3,661	3,261	3,168	2,632
November	3,504	3,674	3,754	3,989	2,741	3,731	3,750	3,228	3,042	2,856
December	3,302	3,629	3,659	3,924	2,690	3,643	3,255	3,118	3,065	2,651
January	3,059	3,333	3,259	3,587	2,447	3,066	2,742	3,015	2,596	2,481
February	2,269	2,715	2,549	2,997	1,867	2,515	2,472	2,111	2,196	1,757
March	1,508	1,934	1,745	2,229	1,208	1,829	1,647	1,526	1,493	1,088
April	908	1,317	1,072	1,439	669	1,327	1,040	952	903	705
WESTERN NEW YORK										
September	192	154	201	50	153	171	136	130	239	274
October	797	779	826	776	805	994	1,063	1,213	1,352	1,308
November	844	825	841	834	868	1,260	1,354	1,380	1,455	1,447
December	831	858	840	921	829	1,266	1,254	1,290	1,521	1,355
January	793	844	819	983	794	1,219	1,299	1,348	1,482	1,212
February	575	741	667	805	554	999	918	1,058	1,376	1,046
March	373	481	436	673	441	812	781	734	1,019	825
April	169	257	252	451	243	618	514	447	688	468
TOTAL NEW YORK										
September	1,586	1,512	2,005	1,781	1,308	1,535	1,031	946	1,509	1,543
October	4,144	4,456	4,646	4,693	3,596	4,714	4,724	4,474	4,520	3,940
November	4,348	4,499	4,595	4,823	3,609	4,991	5,104	4,608	4,497	4,303
December	4,133	4,487	4,499	4,845	3,519	4,909	4,509	4,488	4,586	4,006
January	3,852	4,177	4,078	4,570	3,241	4,285	4,041	4,363	4,078	3,692
February	2,844	3,456	3,216	3,802	2,421	3,514	3,390	3,169	3,572	2,803
March	1,881	2,415	2,181	2,902	1,649	2,641	2,428	2,260	2,512	1,913
April	1,077	1,574	1,324	1,890	912	1,945	1,554	1,399	1,591	1,173

1/ Crop harvested in year designated.

TART CHERRIES: Bearing Acres, Production, Utilization, Price, and Value, 1977-1986

Season	Acres of bearing age	Production				Utilization			
		Total	Utilized 1/	Price per pound	Value of utilized production	Fresh Use		Processed	
						Quantity	Price per pound	Total	Price per pound
	Thousands	Million lbs.		Cents	1,000 dol.	Million lbs.	Cents	Mil. lbs.	Cents
1977	4.0	11.8	11.8	29.5	3,481	0.1	32.6	11.7	29.5
1978	3.8	18.9	18.9	42.9	8,108	0.2	39.2	18.7	42.9
1979	3.9	27.3	27.3	46.2	12,613	0.2	41.8	27.1	46.2
1980	4.0	30.4	30.4	19.1	5,806	0.1	38.3	30.3	19.0
1981	4.2	7.0	7.0	45.1	3,156	0.1	51.4	6.9	45.0
1982	4.4	21.0	21.0	14.8	3,112	0.2	48.1	20.8	14.5
1983	4.6	23.0	23.0	46.0	10,585	0.3	47.6	22.7	46.0
1984	4.7	26.0	25.3	22.2	5,625	0.3	33.3	25.0	22.1
1985	4.8	22.5	22.5	25.6	5,764	0.5	44.0	22.0	25.2
1986	5.1	13.0	12.3	23.0	2,835	0.2	50.0	12.1	22.6

1/ Excludes the following quantities not harvested for economic reasons: (million pounds) 1984-.7, 1986-.7.

SWEET CHERRIES: Bearing Acres, Production, Utilization, Price, and Value, 1977-1986

Season	Acres of bearing age	Production				Utilization			
		Total	Utilized 1/	Price per pound	Value of utilized production	Fresh Use		Processed	
						Quantity	Price per pound	Total	Price per pound
	Thousands	Tons		Dollars	1,000 dol.	Tons	Dollars	Tons	Dollars
1977	1.7	1,800	1,800	552.00	994	700	800.00	1,100	394.00
1978	1.6	3,500	3,500	543.00	1,901	800	818.00	2,700	461.00
1979	1.5	4,200	4,050	447.00	1,810	950	608.00	3,100	398.00
1980	1.5	5,100	4,600	450.00	2,070	870	802.00	3,730	368.00
1981	1.5	1,750	1,050	621.00	652	450	950.00	600	375.00
1982	1.5	3,500	3,200	608.00	1,946	1,570	882.00	1,630	344.00
1983	1.4	3,200	3,000	569.00	1,706	1,250	848.00	1,750	369.00
1984	1.2	2,400	2,200	567.00	1,248	1,050	794.00	1,150	375.00
1985	1.0	1,600	1,500	670.00	1,005	1,000	978.00	900	464.00
1986	0.9	1,700	1,400	849.00	1,188	1,000	1,020.00	400	420.00

1/ Excludes the following unharvested production: (tons) 1979-150, 1980-500, 1981-700, 1982-300, 1983-200, 1984-200, 1985-100, 1986-300.

PEACHES: Bearing Acres, Production, Price, and Value, 1977-1986

Season	Acres of bearing age	Production		Price per pound	Value of utilized production
		Total	Utilized 1/		
	Thous.	Million pounds		Cents	1,000 dol.
1977	2.2	13.0	13.0	17.5	2,275
1978	2.2	16.0	16.0	18.5	2,960
1979	2.3	6.7	6.7	22.2	1,487
1980	2.4	13.0	13.0	23.5	3,055
1981	2.4	9.0	9.0	23.6	2,121
1982	2.4	14.5	14.5	27.1	3,930
1983	2.4	17.0	17.0	23.2	3,946
1984	2.2	11.0	11.0	27.4	3,011
1985	2.0	14.5	14.0	23.2	3,252
1986	2.1	14.0	14.0	23.6	3,308

1/ Excludes the following unharvested production (million pounds) 1985-.5.

PEARS: Bearing Acres, Production, Price, and Value, 1977-1986

Season	Acres of bearing age	Production		Price per ton	Value of utilized production
		Total	Utilized 1/		
	Thous.	Tons		Dollars	1,000 dol.
1977	3.7	16,000	16,000	183.00	2,928
1978	3.6	18,500	18,500	205.00	3,793
1979	3.6	18,000	17,700	182.00	3,221
1980	3.5	21,000	20,000	222.00	4,440
1981	3.4	17,000	17,000	219.00	3,730
1982	3.2	19,000	19,000	201.00	3,828
1983	3.1	19,000	19,000	271.00	5,146
1984	2.7	20,000	20,000	228.00	4,568
1985	2.7	16,000	16,000	242.00	3,870
1986	2.8	19,000	18,000	210.00	3,773

1/ Excludes the following unharvested production (tons) 1979-300, 1980-1,000, 1985-1,000.

GRAPES: Bearing Acres, Production, Utilization, Price, and Value, 1977-1986

Season	Acres of bearing age	Production					Utilization	
							Fresh Use	
		Total all varieties	Total Concord production	Utilized all varieties 1/	Price per ton	Value of utilized production	Quantity	Price per ton
	Thousands	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars
1977	41.0	101,000	71,000	101,000	239.00	24,139	2,000	434.00
1978	41.5	188,000	129,500	188,000	244.00	45,872	2,700	466.00
1979	41.5	165,000	124,500	165,000	230.00	37,950	3,000	490.00
1980	41.0	175,000	125,500	175,000	225.00	39,404	4,000	446.00
1981	41.0	150,000	108,500	150,000	254.00	38,152	3,500	478.00
1982	41.0	157,000	110,000	157,000	234.00	36,777	3,000	401.00
1983	41.0	191,000	132,000	191,000	191.00	36,514	4,500	364.00
1984	39.0	198,000	139,000	188,500	180.00	33,843	4,500	406.00
1985	37.0	144,000	109,000	144,000	147.00	21,156	4,000	424.00
1986	35.8	164,000	111,000	164,000	198.00	32,436	4,400	335.00

Season	Utilization							
	Processed							
	Total	Price per ton	Juice	Price per ton	Wine	Price per ton	Other	Price per ton
	Tons	Dollars	Tons	Dollars	Tons	Dollars	Tons	Dollars
1977	99,000	235.00	41,400	223.00	52,100	240.00	5,500	190.00
1978	185,300	241.00	92,500	219.00	88,600	266.00	4,200	196.00
1979	162,000	225.00	90,500	202.00	68,500	255.00	3,000	208.00
1980	171,000	220.00	99,500	194.00	70,250	257.00	1,250	196.00
1981	146,500	249.00	75,800	199.00	69,450	305.00	1,250	200.00
1982	154,000	231.00	86,000	175.00	67,450	272.00	550	150.00
1983	186,500	187.00	116,500	142.00	70,000	263.00	-	-
1984	184,000	174.00	111,500	121.00	72,500	255.00	-	-
1985	142,000	139.00	92,000	116.00	48,000	182.00	-	-
1986	159,600	194.00	89,400	181.00	70,200	210.00	-	-

1/ Excludes the following quantities not harvested for economic reasons: (tons) 1984-9,500.

GRAPES: Total Grapes Processed in New York Plants 1/ Tonnage Origination and Primary Use, 1977-1986 2/

Season	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other 3/	
			Tons		
1977	85,496	9,221	60,298	34,419	94,717
1978	160,483	18,425	99,056	79,852	178,908
1979	134,344	12,380	75,224	71,500	146,724
1980	142,406	10,018	65,578	86,846	152,424
1981	127,008	13,854	69,124	71,738	140,862
1982	124,468	14,623	68,677	70,414	139,091
1983	157,013	14,977	73,182	98,808	171,990
1984	149,654	13,303	78,958	83,999	162,957
1985	112,097	11,810	48,077	75,830	123,907
1986	126,249	15,460	67,462	74,247	141,709

1/ Excludes New York grown grapes processed in other states.
2/ Does not include grapes from which sweet juice was pressed and resold to other wineries.
3/ Includes quantities stemmed and crushed, pulped, de-seeded, jelly and preserves.

GRAPES: Total Concord Grapes Processed in New York Plants 1/ Tonnage Origination and Primary Use, 1977-1986 2/

Season	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other 3/	
			Tons		
1977	56,324	4,522	26,977	33,869	60,846
1978	104,958	15,142	42,607	77,493	120,100
1979	96,052	10,909	37,037	69,924	106,961
1980	99,061	9,268	25,848	82,481	108,329
1981	85,481	12,714	27,382	70,813	98,195
1982	78,302	12,717	23,086	67,933	91,019
1983	100,697	13,436	18,891	95,242	114,133
1984	97,746	12,247	30,970	79,023	109,993
1985	79,829	10,841	19,494	71,176	90,670
1986	79,255	13,950	22,557	70,648	93,205

1/ Excludes New York grown grapes processed in other states.
2/ Does not include grapes from which sweet juice was pressed and resold to other wineries.
3/ Includes quantities stemmed and crushed, pulped, de-seeded, jelly and preserves.

GRAPES: New York Grown Grapes Processed by Variety, 1977-1986 1/

Variety	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
					Tons					
American Varieties										
Catawba	8,207	15,408	9,634	11,990	9,659	13,786	14,286	10,901	7,745	12,262
Concord	69,198	127,581	122,151	123,121	103,077	105,840	128,390	128,746	105,088	107,326
Delaware	3,065	4,713	4,183	5,101	5,980	4,031	7,412	7,170	2,655	5,562
Dutchess	408	1,019	602	959	438	425	1,246	1,102	497	792
Elvira	1,403	2,826	2,216	2,746	3,162	2,957	3,282	3,477	2,433	3,880
Ives	882	1,778	1,110	1,233	1,188	1,495	1,261	655	123	4/
Niagara	4,992	10,919	6,696	9,207	8,113	9,372	9,874	9,990	5,614	9,663
French Hybrids 2/	10,066	19,513	13,528	13,823	11,825	12,082	16,623	16,958	11,902	14,609
Other Varieties 3/	779	1,543	1,880	2,820	3,058	4,012	4,126	5,001	3,943	5,506
TOTAL	99,000	185,300	162,000	171,000	146,500	154,000	186,500	184,000	140,000	159,600

1/ Includes New York grown grapes received at out-of-state plants.
2/ 1977-1979 includes all French Hybrid varieties.
1980-1985 includes only Aurora, Baco Noir, De Chaunac, Marechal Foch, Rougeon and Seyval Blanc.
3/ 1976-1979 includes Vinifera and other American varieties not listed.
1980-1985 includes Vinifera, other American and French Hybrid Varieties not listed in footnote 2/.
4/ Included in "Other Varieties" to avoid disclosure of individual operations.

GRAPES: New York Grown Grapes Processed by Area and Production, 1977-1986 1/

Year	Chautauqua-Erie	Niagara County	Finger Lakes	State Total 2/
		Tons		
1977	57,808	5,407	32,405	99,000
1978	107,707	8,778	64,775	185,300
1979	100,035	6,003	52,297	162,000
1980	107,467	6,569	53,018	171,000
1981	85,851	7,702	51,081	146,500
1982	87,947	6,505	54,437	154,000
1983	120,083	6,596	57,982	186,500
1984	115,247	6,574	58,038	184,000
1985	94,438	4,230	38,240	140,000
1986	98,827	5,346	51,141	159,600

1/ Includes New York grown grapes received at out-of-state plants.
2/ Includes Hudson Valley, Long Island and other areas not listed.

SPECIALTY CROPS

MAPLE: Production and Value, 1977-1987

Year	Syrup made 1/	Average date		Gallons of sap per gallon of syrup	Average price per gallon	Value of production
		First run made	Last run made			
	1,000 gals.			Gallons	Dollars	1,000 dols.
1977	320	Mar. 6	Apr. 7	39	11.10	3,552
1978	330	Mar. 18	Apr. 17	41	12.00	3,960
1979	315	Mar. 8	Apr. 11	39	13.10	4,127
1980	243	Mar. 13	Apr. 10	42	15.30	3,718
1981	331	Mar. 1	Apr. 1	36	17.60	5,826
1982	320	Mar. 13	Apr. 14	39	17.30	5,536
1983	235	Feb. 26	Apr. 1	44	17.00	3,995
1984	332	Mar. 1	Apr. 6	42	16.90	5,611
1985	315	Mar. 4	Apr. 5	44	17.10	5,387
1986	262	Mar. 11	Apr. 4	39	19.60	5,135
1987 2/	225	Mar. 9	Apr. 4	40	22.90	5,153

1/ Includes syrup later made into sugar.
2/ Preliminary.

MUSHROOMS: Area, Production, Price, and Value, 1977-1986

Crop Year 1/	Area in production	Production	Price per pound	Value of production
	1,000 sq. ft.	1,000 pounds	Cents	1,000 dollars
1977-78	2,891	6,935	86.2	5,978
1978-79	3,063	8,144	82.3	6,705
1979-80	3,089	7,899	81.5	6,438
1980-81	2,948	7,773	84.6	6,576
1981-82	2,036	4,995	78.8	3,936
1982-83	1,305	2,431	89.4	2,173
1983-84	1,202	2,340	84.9	1,986
1984-85	1,303	2,333	78.9	1,841
1985-86	969	2,119	72.1	1,528

1/ July 1 to June 30.

FLORICULTURE: Production, Sales, and Price, Commercial Growers, 1977-1986 1/

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
CHRYSANTHEMUMS, STANDARD						
1977	124	519	2,596	999	77	38.5
1978	111	465	2,337	991	72	42.4
1979	94	352	1,773	823	78	46.4
1980	103	366	1,902	865	77	45.5
1981	89	428	1,539	803	75	52.2
1982 4/						
1983 4/						
1984	50	212	805	421	77	52.3
1985	47	132	738	506	68	68.5
1986	40	161	774	448	68	57.9
CHRYSANTHEMUMS, POMPON						
1977	142	652	603	850	59	1.41
1978	134	523	580	974	51	1.68
1979	126	509	516	970	68	1.88
1980	119	518	527	996	66	1.89
1981	108	465	487	896	66	1.84
1982 4/						
1983 4/						
1984	61	287	291	597	70	2.05
1985	65	188	186	409	32	2.20
1986	51	180	180	306	39	1.70
CHRYSANTHEMUMS, POTTED						
1977	187	826	1,301	2,615	93	2.01
1978	199	959	1,483	3,218	94	2.17
1979	189	966	1,111	2,311	92	2.08
1980	190	1,065	1,292	2,868	82	2.22
1981	213	1,333	2,033	5,123	78	2.52
1982 4/						
1983 4/						
1984	120	1,540	3,267	7,906	95	2.42
1985	88	757	1,236	4,568	94	2.12
1986	111	825	1,628	6,486	95	3.07
FOLIAGE PLANTS FOR INDOOR OR PATIO USE						
1977	204	1,168	-	4,646	85	-
1978	238	1,525	-	6,571	84	-
1979	170	1,175	-	4,226	82	-
1980	202	1,486	-	6,326	76	-
1981	216	1,445	-	5,886	61	-
1982 4/						
1983 4/						
1984	234	2,773	-	13,819	88	-
1985	123	694	-	3,919	54	-
1986	79	454	-	3,597	34	-

1/ Includes only growers with sales of $10,000 or more.
2/ Pompon chrysanthemums sales are in units of 1,000 bunches. Potted flowers in units of 1,000 pots.
3/ Equivalent wholesale value of all sales. Foliage plants are gross value of sales less cost of plant material purchased from other growers for growing on.
4/ No survey conducted.

FLORICULTURE: Production, Sales, and Price, Commercial Growers, 1977-1986 1/

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
ROSES, HYBRID TEA						
1977	19	4/838	17,899	4,367	97	24.4
1978	14	4/787	17,205	5,162	100	30.0
1979	14	4/728	15,924	4,984	100	31.3
1980	16	4/758	17,563	5,848	100	33.3
1981	16	4/707	14,098	5,935	99	42.1
1982 5/						
1983 5/						
1984	24	4/840	15,809	7,003	100	44.3
1985	22	4/738	14,484	7,677	99	53.0
1986	18	4/604	13,281	8,447	97	63.6
ROSES, MINIATURE OR SWEETHEART						
1977	19	4/205	6,429	1,138	100	17.7
1978	13	4/241	7,480	1,287	100	17.2
1979	11	4/208	6,633	1,426	100	21.5
1980	12	4/192	6,019	1,529	100	25.4
1981	11	4/206	6,228	1,451	100	23.3
1982 5/						
1983 5/						
1984	13	4/243	7,016	1,838	100	26.2
1985	12	4/192	5,542	1,873	100	33.8
1986	7	4/140	4,202	1,819	96	43.3
SNAPDRAGONS						
1977	72	178	1,086	209	75	19.2
1978	75	237	1,111	267	63	24.0
1979	78	175	1,062	201	73	18.9
1980	61	147	720	225	38	31.3
1981	55	152	610	192	57	31.4
1982 5/						
1983 5/						
1984	33	122	1,131	380	91	33.6
1985	45	91	431	165	64	38.2
1986 6/						
POTTED GERANIUMS						
1977	356	1,922	4,792	3,211	74	.67
1978	359	2,135	5,326	3,781	75	.71
1979	345	1,841	5,306	4,086	78	.77
1980	323	2,021	5,560	5,115	70	.92
1981	346	2,145	5,539	5,927	69	1.07
1982 5/						
1983 5/						
1984	302	2,446	6,363	6,363	85	1.00
1985	316	1,727	4,870	5,065	72	1.04
1986	282	2,022	5,340	6,728	78	1.26

1/ Includes only growers with sales of $10,000 or more.
2/ Potted flowers in units of 1,000 pots. Snapdragons are in units of 1,000 stems. All other sales are in units of 1,000 blooms.
3/ Equivalent wholesale value of all sales.
4/ Thousand plants.
5/ No survey conducted.
6/ Estimates discontinued.

FLORICULTURE: Production, Sales, and Price, Commercial Growers, 1977-1986 1/

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
POTTED LILLIES						
1977	162	288	345	945	84	2.74
1978	163	296	375	986	86	2.63
1979	158	269	338	930	86	2.75
1980	141	286	414	1,205	81	2.91
1981	143	315	401	1,331	84	3.32
1982 4/						
1983 4/						
1984	100	409	416	1,577	92	3.79
1985	112	295	352	1,478	88	3.12
1986	115	305	480	2,039	90	3.80
POTTED HYDRANGEAS						
1977	53	179	146	420	96	2.88
1978	56	207	270	621	98	2.30
1979	37	134	167	389	95	2.33
1980	41	129	155	403	95	2.60
1981	38	94	97	300	91	3.09
1982 4/						
1983 4/						
1984	30	88	79	284	97	3.60
1985	37	108	137	338	95	2.47
1986 4/						
POTTED POINSETTIAS						
1977	231	1,587	1,157	2,800	85	2.42
1978	232	1,926	1,534	3,728	89	2.43
1979	231	1,785	1,312	3,372	89	2.57
1980	221	2,048	1,602	4,406	83	2.75
1981	237	2,052	1,914	4,957	86	2.59
1982 4/						
1983 4/						
1984	180	1,791	1,478	5,601	90	3.79
1985	209	2,435	2,072	6,755	82	3.26
1986	206	2,811	2,235	7,778	89	3.48
FLOWERING BEDDING PLANTS						
1977	353	2,002	1,268	4,742	64	3.74
1978	354	2,357	1,442	6,129	72	4.25
1979	368	2,255	1,114	4,768	65	4.28
1980	316	2,683	1,544	7,674	63	4.97
1981	345	2,777	1,573	8,400	60	5.34
1982 4/						
1983 4/						
1984	367	2,876	1,854	10,160	70	5.48
1985	339	3,439	1,963	11,385	69	5.80
1986	304	3,675	2,142	13,130	78	6.13
VEGETABLE BEDDING PLANTS 5/						
1977	333	1,012	551	2,116	63	3.84
1978	316	1,164	651	2,741	68	4.21
1979	335	1,227	621	2,602	68	4.19
1980	295	1,224	699	3,334	62	4.77
1981	326	1,525	806	3,949	61	4.90
1982 4/						
1983 4/						
1984	308	922	660	3,762	62	5.70
1985	311	1,125	599	3,336	54	5.57
1986	261	900	494	2,875	62	5.82

1/ Includes only growers with sales of $10,000 or more.
2/ Potted flowers in units of 1,000 pots.
3/ Equivalent wholesale value of all sales.
4/ Estimates discontinued.
5/ Does not include vegetable transplants grown outdoors for use in commercial vegetable production.

CROP SUMMARY: Field Crops, Vegetables, Fruits and Other Crops, 1986

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	Acres			1,000	Dollars	1,000 dollars
ALL CROPS 1/	4,078,370					1,102,425
FIELD CROPS 1/	3,833,400					777,362
Wheat	155,000	49.0	bu.	7,595	2.20	16,709
Oats	190,000	65.0	bu.	12,350	1.15	14,203
Rye	13,000	33.0	bu.	429	2.20	944
Soybeans	23,000	31.0	bu.	713	4.45	3,173
Corn for grain	650,000	99.0	bu.	64,350	1.70	109,395
Corn for silage	540,000	14.5	ton	7,830	21.90	171,477
Hay, all	2,200,000	2.40	ton	5,280	74.50	393,360
Alfalfa hay	880,000	2.85	ton	2,508	6/	6/
Other hay	1,320,000	2.10	ton	2,772	6/	6/
Potatoes	31,400	248	cwt.	7,780	7.67	59,638
Dry beans	31,000	14.0	cwt.	434	19.50	8,463
VEGETABLES 1/	132,970					188,760
Beets, processing	2,000	15.15	ton	30,300	47.60	1,442
Cabbage, fresh	9,100	331	cwt.	2/3,014	11.75	3/32,151
Cabbage, processing	2,000	27.00	ton.	54,000	35.20	1,901
Carrots, fresh and proc.	1,400	400	cwt.	560	10.20	5,706
Cauliflower, fresh and proc.	3,100	115	cwt.	357	29.60	10,560
Celery, fresh	470	410	cwt.	193	15.60	3,011
Cucumbers, fresh	3,500	125	cwt.	438	11.40	4,993
Green peas, processing	8,700	1.85	ton	16,100	281.00	4,524
Lettuce, fresh	3,100	200	cwt.	620	13.50	8,370
Onions, fresh and proc.	12,800	270	cwt.	2/3,456	17.10	3/51,668
Snap beans, fresh	3,700	46	cwt.	170	37.30	6,341
Snap beans, processing	25,800	2.34	ton	60,370	170.00	10,263
Strawberries, fresh and proc.	3,300	55	cwt.	182	41.90	7,626
Sweet corn, fresh	24,700	71	cwt.	1,754	13.30	23,328
Sweet corn, processing	27,100	5.12	ton	138,750	60.00	9,325
Tomatoes, fresh	2,200	130	cwt.	286	29.90	8,551
	Acres of Bearing Age	Pounds Per Acre		In Unit Indicated 4/	Cents/lb.	
FRUIT 1/	112,000					129,640
Apples 5/	65,300	14,548	mil. lbs.	950.0	9.3	86,100
Peaches	2,100	6,667	mil. lbs.	14.0	23.6	3,308
Tart cherries	5,100	2,549	mil. lbs.	13.0	23.0	2,835
					Dollars/ton	
Pears	2,800	13,571	1,000 tons	19.0	210.00	3,773
Sweet cherries	900	3,778	1,000 tons	1.7	849.00	1,188
Grapes	35,800	9,162	1,000 tons	164	198.00	32,436
OTHER CROPS 1/						
Mushrooms	6/	6/	1,000 lb.	2,119	72.1 ¢/lb.	1,528
Maple syrup	6/	6/	1,000 gal.	262	19.60 $/gal.	5,135

1/ Category totals of acres harvested and value of production include only the crops listed and exclude crops for which annual estimates are not available.
2/ Quantity sold: cabbage, 2,737,000 cwt.; onions, 3,019,000 cwt.
3/ Value of sales.
4/ Utilized production.
5/ Preliminary. End-of-season estimates available July 1986. Price and value is packinghouse door equivalent.
6/ Not available or applicable.

DAIRY

Total milk production in New York during 1986 reached a record 11.74 billion pounds. This output is fractionally above the previous record of 11.73 billion pounds set in 1985. Responsible for the increase was a record high annual output per cow of 12,401 pounds of milk.

The 1986 average herd size was down only fractionally from 1985 because of the rapid build-up in milk cow numbers after the dairy diversion program ended March 31, 1985. During the period April-December 1985, a total of 33,000 milk cows were added to the State's herd. Then on April 1, 1986 the dairy termination program of the Food Security Act took effect and from April-December 1986 the State's herd was reduced by 48,000 milk cows. This left New York with 914,000 milk cows at the end of 1986 but an average for the year of 947,000 cows.

Cash receipts from the sale of milk during 1986 totaled $1.46 billion, down one percent from a year earlier. The $12.60 per cwt. received for all milk sold wholesale by New York dairy farmers was down 20 cents from 1985. To compound the problem of lower prices received, the Index of Prices Paid by Dairy Farmers during 1986 was one percent higher than a year earlier. Generally, dairy feed prices were down from the previous year but other production and marketing costs were up.

Total cheese production in New York, excluding cottage cheese, reached a new record high of 484 million pounds in 1986. This total is up eight percent from the previous record set in 1985, and is the eleventh consecutive year New York has set a new cheese production record.

Italian cheese, which accounted for 59 percent of the state's total cheese output, rose 10 percent from 1985 to a record high 286 million pounds. Compared with 1985, New York's 1986 production of Mozzarella was up 13 percent, while cream cheese rose 15 percent. Cheddar cheese production was down two percent from 1985. Cottage cheese curd rose one percent in 1986, as lowfat cottage cheese moved 16 percent higher. Both creamed cottage cheese and butter output declined three percent.

New York production of frozen dairy products moved up 10 percent in 1986 due chiefly to a 67 percent increase in ice milk output. Ice cream was up two percent, while milk sherbet was up eight percent. Water ices increased 19 percent from 1985.

National milk production increased one percent in 1986 to a record 144 billion pounds. Total U.S. cheese output of 5.21 billion pounds, excluding cottage cheese, was up three percent from a year ago. Wisconsin led with 35 percent of the total.

MILK: Cows and Production, by Months, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK COWS ON FARMS 1/ (Thousands)												
1977	913	915	915	914	913	912	913	914	916	916	914	915
1978	914	914	909	904	907	903	903	904	904	904	903	904
1979	903	903	903	902	899	900	901	901	912	912	911	911
1980	910	910	909	908	908	907	908	914	914	915	914	915
1981	915	917	910	908	905	907	906	909	913	913	914	921
1982	918	915	917	916	914	910	910	913	922	928	932	935
1983 2/	934	935	936	934	932	934	937	940	948	950	950	945
1984	937	932	927	920	920	922	925	927	935	938	942	942
1985	934	936	937	935	943	944	945	950	957	961	963	968
1986 3/	968	965	965	962	956	954	950	940	940	930	920	914
1987	914	908	896									
MILK PRODUCTION PER COW (Pounds)												
1977	890	830	960	960	1,040	1,015	945	925	905	915	875	925
1978	955	870	1,010	1,030	1,065	1,025	960	930	900	910	880	940
1979	975	890	1,025	1,035	1,105	1,045	990	970	930	935	900	950
1980	995	945	1,050	1,060	1,115	1,075	1,015	980	945	960	925	985
1981	1,005	930	1,080	1,080	1,135	1,080	1,025	1,000	950	955	925	980
1982	1,000	930	1,060	1,050	1,115	1,080	1,015	990	945	970	930	990
1983 2/	1,025	945	1,085	1,075	1,125	1,105	1,055	1,015	980	1,000	960	1,030
1984	1,050	1,000	1,100	1,085	1,125	1,085	1,030	985	955	970	925	990
1985	1,020	930	1,075	1,065	1,130	1,090	1,055	1,025	985	1,015	970	1,020
1986 3/	1,040	955	1,095	1,085	1,150	1,085	1,040	1,010	975	980	960	1,020
1987	1,040	965	1,110									
TOTAL MILK PRODUCTION (Million Pounds)												
1977	813	759	878	877	950	926	863	845	829	838	800	846
1978	873	795	927	931	966	926	867	841	814	823	795	850
1979	880	804	926	934	993	941	892	874	848	853	820	865
1980	905	860	954	962	1,012	975	922	896	864	878	845	901
1981	920	853	983	981	1,027	980	929	909	867	872	845	903
1982	918	851	972	962	1,019	983	924	904	871	900	867	926
1983 2/	957	884	1,016	1,004	1,049	1,032	989	954	929	950	912	973
1984	984	932	1,010	998	1,035	1,000	953	913	893	910	871	933
1985	953	870	1,007	996	1,066	1,029	997	974	943	975	934	987
1986 3/	1,007	922	1,057	1,044	1,099	1,035	988	949	917	911	883	932
1987	951	876	995									

1/ Excludes heifers not yet fresh. 2/ Dairy Diversion Program April 16, 1983 - March 31, 1985.
3/ Dairy Termination Program April 1, 1986 - August 31, 1987.

MILK: Production, Disposition, and Income, 1977-1986

Year	Milk cows 1/	Milk per cow	Total milk production	Disposition of Milk Produced: Fed to calves	Consumed as fluid milk, cream and butter	Sold wholesale 2/	Retailed by producers	Prices received 3/	Gross income 4	Value of milk produced 5/
	No. thou.	Lbs.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Dollars	Mil. dol.	Mil. dol.
1977	914	11,186	10,224	145	91	9,895	93	9.75	990.1	1,004.0
1978	906	11,488	10,408	149	91	10,075	93	10.50	1,085.2	1,101.2
1979	905	11,746	10,630	150	90	10,305	85	11.90	1,254.1	1,272.4
1980	911	12,046	10,974	143	82	10,670	79	13.00	1,414.7	1,433.2
1981	912	12,137	11,069	157	80	10,755	77	13.80	1,513.2	1,525.3
1982	919	12,075	11,097	161	78	10,790	68	13.70	1,504.8	1,526.9
1983	940	12,393	11,649	181	80	11,330	58	13.70	1,577.0	1,601.9
1984	931	12,290	11,442	167	72	11,150	53	13.50	1,527.8	1,550.5
1985	948	12,374	11,731	168	70	11,435	58	12.80	1,486.7	1,508.3
1986	947	12,401	11,744	174	67	11,445	58	12.60	1,464.6	1,486.6

1/ Average number on farms during the year excluding heifers not yet fresh. 2/ Includes milk eq valent of farm skimmed cream sold to plants and dealers. 3/ Prices received for all milk sold wholesale per cwt. 4/ Includes value of milk used for home consumption. 5/ Include value of milk fed to calves.

FEEDING RATE: Grain and Other Concentrates Fed Daily Per Milk Cow in Herd on First of Month, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
							Pounds						
1977	12.6	13.0	12.9	12.6	13.0	11.7	11.4	11.6	11.6	11.9	11.9	12.4	12.22
1978	12.8	12.7	13.1	13.6	13.5	12.4	12.1	12.2	12.3	12.4	12.3	13.0	12.70
1979	13.2	13.7	14.1	14.4	14.2	13.5	12.8	12.8	13.1	13.3	13.3	13.3	13.48
1980	13.8	13.8	14.0	14.0	13.6	13.4	13.0	12.5	12.6	13.2	12.7	13.5	13.34
1981	13.6	13.9	14.0	14.0	14.3	13.2	13.0	12.7	12.9	13.1	13.4	13.8	13.49
1982	13.9	14.2	14.2	13.8	13.9	13.5	13.2	13.0	13.4	13.2	13.5	13.9	13.64
1983	14.0	13.9	13.8	14.4	14.3	13.6	13.5	13.3	13.3	12.9	13.0	13.4	13.62
1984	13.4	13.7	13.7	13.8	13.5	13.0	12.5	12.4	12.8	13.1	13.1	13.4	13.20
1985	13.6	13.7	14.1	13.9	14.0	12.9	13.2	12.9	13.1	13.5	13.5	14.1	13.54
1986	14.3	14.2	14.3	14.4	14.4	13.6	13.4	12.9	13.3	13.4	13.9	14.3	13.87
1987	14.2	14.3	14.1										

FRESHENING RATE: Cows and Heifers Freshened During the Month, Per 100 Cows in Herd, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							Percent						
1977	7.0	7.3	8.2	6.7	5.5	5.2	6.7	9.0	8.8	7.8	7.2	8.0	87.4
1978	7.6	6.9	7.5	6.5	5.3	5.6	6.4	8.1	9.3	7.8	7.9	7.9	86.8
1979	7.5	7.1	7.1	6.7	6.2	5.9	7.4	8.7	8.8	8.4	9.0	7.4	90.2
1980	9.7	6.7	7.1	6.3	5.0	5.4	6.4	8.5	8.5	8.4	7.7	7.5	87.2
1981	6.9	7.0	6.9	6.2	5.0	5.4	6.9	8.5	8.6	8.4	8.2	7.9	85.9
1982	7.1	6.9	6.9	6.9	6.1	5.3	6.8	8.6	9.0	8.3	8.2	7.7	87.8
1983	7.0	7.1	7.3	6.2	5.4	6.3	7.1	8.5	8.9	8.7	8.5	8.0	89.0
1984	7.3	6.7	6.6	5.9	5.3	6.0	7.4	9.5	9.4	8.8	8.2	7.2	88.3
1985	7.1	6.9	7.0	6.7	5.5	6.1	7.4	9.1	9.3	8.1	8.0	7.7	88.9
1986	7.3	7.3	7.2	6.3	5.5	5.8	6.9	8.6	9.6	8.6	8.4	7.8	89.3
1987	7.0	6.7	7.0										

MILKFAT: Average Test of Milk Sold by Dairy Farmers, by Months, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
							Percent						
1977	3.67	3.64	3.61	3.56	3.54	3.50	3.50	3.51	3.57	3.67	3.65	3.65	3.59
1978	3.65	3.64	3.64	3.62	3.61	3.54	3.47	3.49	3.56	3.67	3.70	3.70	3.61
1979	3.68	3.71	3.68	3.66	3.62	3.51	3.49	3.50	3.56	3.65	3.67	3.67	3.62
1980	3.64	3.67	3.68	3.62	3.57	3.52	3.50	3.50	3.56	3.69	3.74	3.72	3.61
1981	3.71	3.65	3.63	3.62	3.60	3.52	3.49	3.51	3.57	3.70	3.68	3.68	3.61
1982	3.69	3.65	3.65	3.63	3.58	3.52	3.48	3.50	3.57	3.66	3.69	3.69	3.62
1983	3.67	3.66	3.65	3.65	3.63	3.54	3.50	3.52	3.53	3.66	3.74	3.73	3.62
1984	3.73	3.68	3.71	3.68	3.66	3.57	3.53	3.52	3.62	3.70	3.76	3.75	3.66
1985	3.74	3.73	3.72	3.69	3.62	3.57	3.54	3.54	3.60	3.68	3.75	3.75	3.66
1986	3.73	3.72	3.72	3.67	3.62	3.57	3.55	3.57	3.66	3.73	3.78	3.76	3.67
1987	3.72	3.72	3.69										

CHEESE: Production, by Months, 1977-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TOTAL AMERICAN (Thousand pounds)													
1977	6,270	5,978	7,034	8,042	8,811	8,959	7,249	6,065	5,311	4,856	4,676	5,656	78,907
1978	5,888	6,570	7,160	7,936	9,055	8,686	7,485	6,416	6,154	5,464	4,830	6,122	81,766
1979	7,068	6,954	7,619	8,383	9,462	9,029	8,716	7,280	6,464	6,579	5,567	4,551	87,672
1980	5,561	6,115	6,330	7,253	8,144	7,826	7,226	5,780	5,682	5,544	4,810	5,259	75,530
1981	5,964	5,955	6,081	7,662	8,597	8,550	6,911	5,667	4,675	5,129	4,385	5,038	74,614
1982	5,958	6,180	7,218	6,921	7,442	7,519	6,699	5,975	6,044	5,861	5,200	6,293	77,310
1983	7,217	6,325	6,899	7,296	7,851	8,228	6,938	7,259	6,389	6,747	6,038	6,483	83,670
1984	6,676	6,767	6,931	6,569	7,451	7,386	6,510	6,062	5,278	5,314	4,922	6,262	76,128
1985	7,368	6,889	6,796	7,497	8,226	7,563	7,575	7,509	5,559	5,702	5,629	6,185	82,498
1986	6,986	6,424	6,900	7,889	7,929	7,680	6,927	5,874	5,637	5,220	5,197	5,720	78,383
TOTAL ITALIAN (Thousand pounds)													
1977	8,827	8,545	11,154	9,543	10,041	10,056	8,650	9,761	10,030	9,875	9,839	10,908	117,229
1978	10,438	9,506	12,225	9,771	10,513	9,685	9,285	10,673	10,283	10,800	11,435	12,341	126,955
1979	11,704	10,835	13,244	13,188	12,139	11,592	10,340	11,186	10,219	11,653	11,285	13,165	140,550
1980	13,311	12,638	15,152	11,443	12,194	12,253	11,793	12,790	13,878	13,902	14,448	16,665	160,467
1981	13,764	13,199	16,039	13,763	12,603	12,926	11,992	12,440	14,173	14,557	14,425	16,327	166,208
1982	13,760	13,669	17,817	14,433	14,021	14,076	13,183	13,649	14,679	16,951	17,702	17,118	181,058
1983	15,211	16,577	19,268	14,732	16,504	16,653	14,349	17,386	18,444	21,375	21,861	20,679	213,039
1984	19,615	18,774	22,450	21,789	20,388	19,337	17,338	19,040	20,116	22,164	20,912	22,512	244,435
1985	20,016	19,820	23,355	22,231	22,285	20,932	20,829	20,243	20,842	23,827	21,815	23,889	260,084
1986	23,116	23,233	27,072	23,865	24,584	22,685	22,603	22,714	23,595	24,603	23,695	24,249	286,014
TOTAL CHEESE EXCLUDING COTTAGE (Thousand pounds)													
1977	18,683	18,954	25,169	21,851	23,051	24,350	19,087	21,513	22,190	20,609	21,252	23,818	260,327
1978	21,581	20,340	27,919	22,300	24,280	24,656	20,982	22,830	23,570	24,164	25,524	24,781	282,927
1979	23,879	21,916	29,590	26,577	26,682	27,638	23,626	24,157	23,432	26,139	25,148	25,616	304,400
1980	24,841	23,815	28,510	25,236	25,560	27,631	24,043	23,584	26,685	28,988	28,090	32,596	319,579
1981	25,051	23,610	30,362	28,784	28,325	29,053	24,782	24,145	27,675	27,232	28,665	32,456	330,140
1982	27,227	25,385	33,169	28,775	28,273	30,516	28,048	26,984	29,578	32,200	31,827	35,927	357,909
1983	29,284	29,802	35,899	30,191	31,444	34,818	28,197	31,213	33,481	35,453	39,266	39,223	398,271
1984	34,165	32,117	37,382	36,603	36,200	34,870	31,337	33,197	32,853	38,131	37,276	39,355	423,486
1985	33,845	33,749	39,212	37,630	38,727	36,908	36,955	34,582	36,054	41,168	39,438	40,758	449,026
1986	38,667	37,416	43,995	41,421	42,333	39,363	39,124	37,240	40,619	42,277	39,760	42,002	484,217
CREAMED COTTAGE CHEESE (Thousand pounds)													
1977	9,858	9,920	11,770	10,999	12,164	12,053	11,115	11,008	10,888	10,158	10,073	8,886	128,892
1978	10,254	10,022	10,970	10,803	12,551	11,451	11,309	11,509	11,172	10,507	9,978	9,120	129,646
1979	10,902	9,519	11,734	10,886	12,493	11,428	10,991	11,037	9,956	10,490	9,325	8,668	127,429
1980	9,923	9,835	10,323	10,636	10,623	10,219	11,650	10,179	9,660	9,101	8,005	7,578	117,732
1981	8,799	8,684	10,131	9,302	9,277	9,513	9,863	9,878	9,004	8,545	8,000	7,217	108,213
1982	8,561	8,612	9,933	9,431	10,076	9,682	9,641	9,277	8,688	8,038	7,535	7,456	106,930
1983	8,251	7,866	8,672	8,153	8,824	9,004	9,188	9,170	8,759	8,136	7,581	7,612	101,216
1984	8,745	9,029	9,706	9,637	9,492	10,440	9,678	9,359	9,108	8,272	7,845	7,070	108,381
1985	8,427	8,033	9,095	9,315	9,973	9,177	9,657	9,620	8,667	8,662	7,173	6,946	104,745
1986	8,333	8,112	8,624	9,537	9,618	9,046	8,938	9,024	7,938	8,032	7,055	6,955	101,212
LOWFAT COTTAGE CHEESE (Thousand pounds)													
1977	1,580	1,463	1,781	1,662	1,289	1,674	1,438	1,611	1,451	1,556	1,253	1,243	18,001
1978	1,638	1,27	1,960	1,547	2,041	1,959	1,547	1,786	1,906	1,516	1,175	1,395	19,745
1979	1,519	1,494	2,005	1,541	1,679	1,700	1,799	1,630	1,568	1,397	1,383	1,093	18,808
1980	1,859	2,202	1,870	2,226	3,514	2,553	2,403	2,643	2,518	2,588	1,776	2,056	28,208
1981	2,657	3,215	3,942	3,848	3,511	3,747	3,795	3,386	3,351	3,297	2,738	2,756	40,243
1982	2,922	3,667	4,244	3,944	3,772	4,095	4,004	3,747	3,471	3,195	2,991	2,753	42,805
1983	3,412	3,441	3,396	3,580	3,935	3,545	3,568	3,671	3,309	2,974	2,693	2,531	40,055
1984	3,279	3,436	3,691	3,579	4,028	4,331	3,950	4,119	3,028	3,487	2,827	2,838	42,593
1985	3,487	3,565	4,237	3,895	4,773	4,220	3,980	4,525	4,224	4,361	3,412	3,225	47,904
1986	3,952	4,614	4,228	4,686	5,439	5,344	4,958	5,064	4,570	4,694	3,924	4,126	55,599

CHEESE: Production, by Type, 1977-1986

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American 1/	Total American	Mozzarella	Ricotta	Other Italian 2/	Total Italian
	Thousand pounds						
1977	74,459	4,448	78,907	75,026	41,597	606	117,229
1978	77,229	4,537	81,766	82,885	43,683	387	126,955
1979	81,916	5,756	87,672	91,153	47,749	1,648	140,550
1980	71,140	4,390	75,530	105,084	49,148	6,235	160,467
1981	68,174	6,440	74,614	106,689	49,894	9,625	166,208
1982	71,739	5,571	77,310	117,186	53,529	10,343	181,058
1983	78,542	5,128	83,670	138,210	62,274	12,555	213,039
1984	70,646	5,482	76,128	149,433	75,835	19,167	244,435
1985	76,315	6,183	82,498	158,042	78,764	23,278	260,084
1986	74,599	3,784	78,383	178,405	85,399	22,210	286,014

Year	Cream cheese	Farmers' cheese	Other cheese excluding cottage 3/	Total cheese excluding cottage	Cottage Cheese		
					Creamed 4/	Lowfat 5/	Curd 6/
	Thousand pounds						
1977	53,396	5,773	5,022	260,327	128,892	18,001	101,073
1978	61,244	5,750	7,212	282,927	129,646	19,745	102,147
1979	60,013	5,541	10,624	304,400	127,429	18,808	104,301
1980	65,102	5,808	12,672	319,579	117,732	28,208	105,778
1981	69,116	5,458	14,744	330,140	108,213	40,243	97,582
1982	77,659	5,508	16,374	357,909	106,930	42,805	101,296
1983	80,269	5,438	15,855	398,271	101,216	40,055	96,766
1984	80,433	5,052	17,438	423,486	108,381	42,593	103,365
1985	83,142	5,274	18,028	449,026	104,745	47,904	103,898
1986	95,671	5,132	19,017	484,217	101,212	55,599	104,438

1/ Includes Colby, washed curd, stirred curd, Monterey, and Jack.
2/ Includes Provolone, Romano, and other hard and soft types.
3/ Includes Swiss, Brick, Neufchatel, Muenster, and other varieties of cheese.
4/ Milkfat content 4.0 percent or more.
5/ Milkfat content from 0.5 percent to 2.0 percent.
6/ Mostly used for processing into fully creamed or lowfat cottage cheese.
Cottage cheese curd, lowfat, and creamed should not be added together to obtain total production.

CONDENSED AND DRIED MILK: Production, by Type, 1977-1986

Year	Unsweetened Condensed Milk		Dry buttermilk	Nonfat Dry Milk			Dry Whey		
	Whole milk	Skim milk		Human consumption	Animal feed	Total	Human consumption	Animal feed	Total
	Thousand pounds								
1977	38,232	89,131	730	52,044	471	52,515	31,874	9,854	41,728
1978	37,522	88,838	1,228	44,303	362	44,665	27,367	8,679	36,046
1979	44,377	84,797	889	42,152	428	42,580	38,323	19,183	57,506
1980	35,366	59,057	1,757	56,789	902	57,691	46,467	23,508	69,975
1981	52,412	60,503	3,021	56,343	678	57,021	56,038	30,559	86,597
1982	52,632	49,465	2,059	48,473	470	48,943	57,375	30,407	87,782
1983	45,120	64,163	2,094	82,811	837	83,648	51,558	38,286	89,844
1984	32,017	67,271	1,547	48,252	1,194	49,446	54,842	22,661	77,503
1985	38,538	64,218	1,686	58,065	822	58,887	70,983	27,890	98,873
1986	38,405	62,701	1,337	51,625	849	52,474	77,397	16,264	93,661

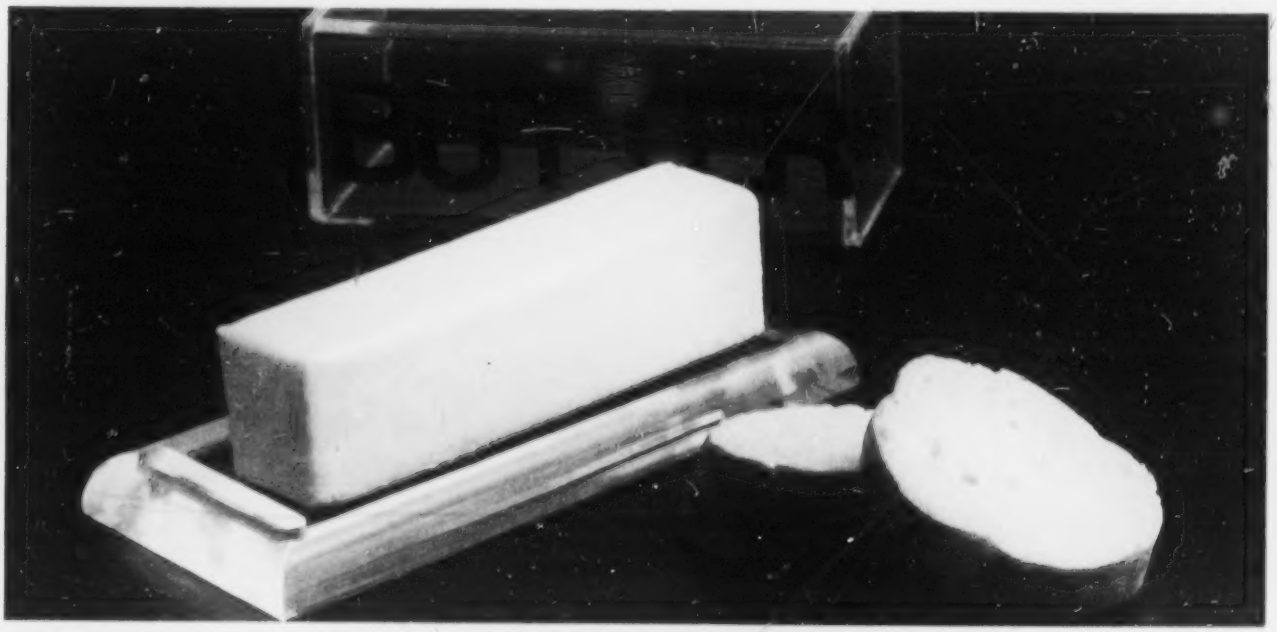
DAIRY PRODUCTS: Production, by Months, 1977-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BUTTER (Thousand pounds)													
1977	3,925	3,733	2,967	4,278	4,462	4,270	2,831	1,760	1,953	2,852	2,111	2,111	37,253
1978	4,313	3,842	3,135	4,975	4,008	4,276	2,648	1,427	1,453	1,822	1,401	1,931	35,231
1979	3,549	3,329	3,438	4,774	4,885	3,460	2,089	1,629	1,802	2,493	2,246	2,125	35,851
1980	4,924	4,736	4,305	6,400	7,404	4,971	3,356	1,905	1,444	2,631	2,229	2,730	47,035
1981	6,141	5,870	5,304	6,161	6,443	4,839	2,337	2,327	2,117	2,722	1,741	2,496	48,498
1982	5,378	4,685	4,595	4,966	4,259	3,784	2,241	1,975	2,107	3,001	2,636	3,256	42,883
1983	6,310	5,788	5,811	6,163	5,755	4,346	2,803	2,495	2,279	2,525	2,384	3,379	50,038
1984	6,590	5,276	4,750	4,438	4,020	2,607	1,700	1,516	1,474	2,448	1,596	2,586	39,001
1985	4,741	4,299	3,967	4,589	4,615	3,000	2,617	2,241	2,042	3,827	2,445	3,501	41,884
1986	6,318	4,783	4,419	5,319	4,650	3,207	2,134	1,824	1,927	2,104	1,751	2,105	40,541
UNSWEETENED CONDENSED SKIM MILK (Thousand pounds)													
1977	6,548	5,953	7,962	7,312	10,430	12,728	7,637	8,174	7,755	5,463	4,776	4,393	89,131
1978	5,495	7,785	9,048	12,147	9,044	10,055	9,249	6,354	4,270	5,182	4,724	5,485	88,838
1979	5,438	6,567	7,127	9,277	9,688	8,933	8,153	8,052	6,543	6,008	4,316	4,695	84,797
1980	4,425	4,448	5,046	4,735	6,050	6,204	5,413	5,375	4,657	4,166	4,510	4,028	59,057
1981	4,813	4,449	5,505	5,873	6,241	5,894	6,121	5,471	4,524	4,161	3,422	4,029	60,503
1982	3,889	3,687	4,864	4,599	5,389	4,895	3,703	3,726	3,501	4,193	3,599	3,420	49,465
1983	4,201	4,230	5,515	5,462	6,373	6,687	6,259	6,374	5,265	6,176	3,758	3,863	64,163
1984	5,591	5,437	5,953	6,174	7,891	7,058	4,897	4,699	4,960	5,324	4,558	4,729	67,271
1985	5,462	4,371	6,466	5,500	6,555	6,630	5,438	6,163	4,693	4,660	4,171	4,109	64,218
1986	4,219	4,587	5,490	6,769	6,926	6,631	6,124	5,651	4,474	4,228	3,734	3,868	62,701
TOTAL NONFAT DRY MILK (Thousand pounds)													
1977	2,440	3,405	3,334	5,693	7,363	8,503	6,379	3,868	3,209	2,399	1,993	3,929	52,515
1978	3,917	3,733	4,803	6,645	6,109	8,308	4,998	2,178	843	203	787	2,141	44,665
1979	1,749	2,231	4,272	6,030	7,691	6,562	3,561	2,681	1,292	1,670	1,776	3,065	42,580
1980	4,488	3,985	3,296	7,916	10,392	9,595	6,787	3,741	762	1,743	1,482	3,504	57,691
1981	3,965	4,647	4,783	7,705	9,374	9,817	5,587	4,063	1,914	1,039	839	3,288	57,021
1982	3,507	3,472	3,830	5,928	7,854	7,333	5,171	1,941	1,541	1,796	1,822	4,748	48,943
1983	6,209	6,807	8,977	9,535	10,035	10,668	8,768	5,398	3,986	3,201	3,715	6,359	83,648
1984	6,914	6,214	6,107	6,423	6,680	5,510	3,968	2,146	1,001	687	689	3,107	49,446
1985	3,367	3,425	3,711	5,795	8,146	7,916	6,083	4,725	2,385	4,156	3,648	5,530	58,887
1986	6,704	4,921	5,561	7,189	8,818	7,056	4,438	2,171	1,345	836	1,013	2,422	52,474
ICE CREAM (Thousand gallons)													
1977	3,435	3,466	5,546	5,086	5,757	7,094	6,028	6,283	5,254	4,172	3,617	3,804	59,542
1978	3,646	4,026	5,135	4,784	5,577	6,735	6,421	6,477	5,898	4,357	4,062	4,116	61,234
1979	4,236	4,397	5,107	5,087	5,159	6,100	5,653	6,221	5,911	5,119	4,412	4,501	61,903
1980	4,154	4,664	5,592	5,042	3,821	4,384	5,655	5,880	5,681	4,845	3,770	4,383	57,871
1981	3,809	4,263	5,341	4,773	5,061	6,724	6,762	6,705	5,776	4,845	4,318	5,360	63,737
1982	3,455	4,209	5,698	4,609	5,250	7,002	6,157	6,244	6,437	4,341	4,388	4,536	62,326
1983	3,709	4,048	5,367	4,003	3,934	5,176	4,543	4,522	4,575	3,493	3,074	3,403	49,847
1984	2,991	3,073	4,649	3,686	4,386	4,814	4,659	4,783	4,011	3,532	3,017	2,865	46,466
1985	3,196	3,106	3,989	3,601	4,700	4,894	4,786	4,844	4,324	3,666	2,970	2,358	46,434
1986	3,202	3,273	3,514	3,757	4,847	4,805	4,669	5,184	4,021	4,198	3,024	2,962	47,456
ICE MILK (Thousand gallons)													
1977	439	338	666	1,089	1,565	1,879	1,850	1,729	1,075	566	267	316	11,779
1978	590	604	986	809	1,039	1,218	1,295	1,306	991	745	622	664	10,869
1979	628	692	848	779	943	1,117	1,040	1,066	984	794	530	594	10,015
1980	558	627	793	837	837	944	1,114	1,154	913	783	573	610	9,743
1981	516	618	696	745	989	1,020	1,047	1,031	740	672	560	529	9,163
1982	474	585	829	712	857	1,008	831	875	698	611	521	395	8,396
1983	463	581	748	695	679	745	839	828	683	521	468	409	7,659
1984	700	717	894	929	1,075	1,119	1,070	1,164	789	715	610	527	10,309
1985	418	448	599	668	756	747	851	758	582	504	433	362	7,126
1986	691	540	804	1,317	1,544	1,487	1,488	1,256	903	773	588	494	11,885

FROZEN DESSERTS AND MIXES: Production, by Type, 1977-1986

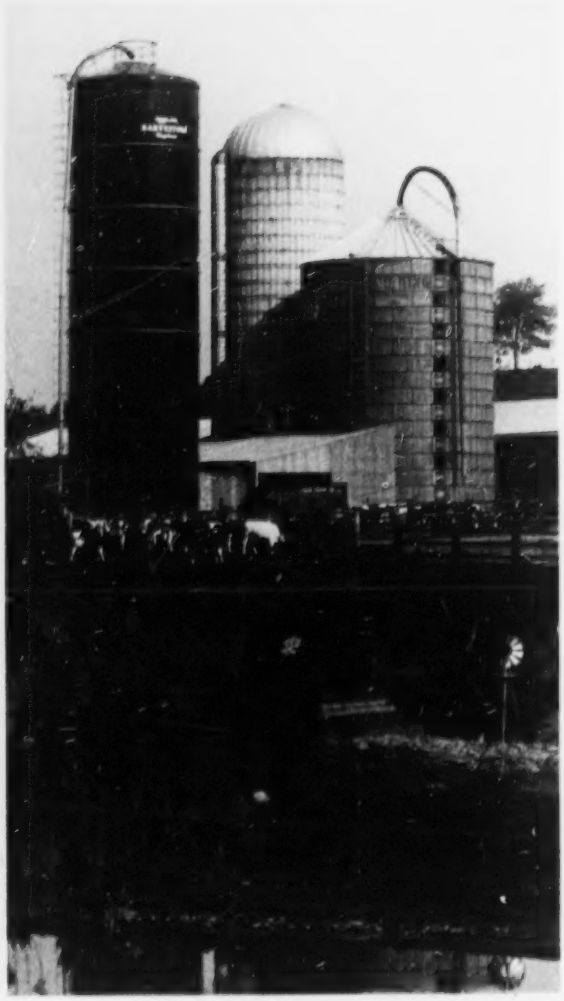
Year	Ice Cream	Ice Milk 1/	Milk Sherbet 1/	Water ices 2/	Mixes		
					Ice cream	Ice milk 3/	Sherbet
	Thousand gallons						
1977	59,542	11,779	2,626	2,017	33,249	7,855	1,777
1978	61,234	10,869	2,774	1,583	33,638	7,479	1,984
1979	61,903	10,015	2,541	1,692	33,972	6,901	1,809
1980	57,871	9,743	2,271	1,846	31,334	6,888	1,623
1981	63,737	9,163	2,619	3,554	34,998	6,955	1,785
1982	62,326	8,396	2,678	2,526	34,009	6,878	1,758
1983	49,847	7,659	2,206	1,906	27,356	6,068	1,561
1984	46,466	10,309	2,425	2,426	25,563	5,509	1,670
1985	46,434	7,126	3,213	3,161	25,565	3,854	2,181
1986	47,456	11,885	3,485	3,765	26,209	3,968	2,431

1/ Includes hard, soft-serve, and freezer-made milkshake.
2/ Does not include counter-freezer production.
3/ Includes milkshake mix.



DAIRY: Plants Manufacturing Specified Products, 1977-1986

Year	Total cheese				Butter	Condensed skim milk (unsweetened	Nonfat dry milk	Ice cream (hard)	Water ices	Plants making one or more dairy products
	American	Italian	Excluding cottage	Cottage						
	Number									
1977	16	26	49	18	25	13	13	78	34	185
1978	16	28	49	18	24	14	13	73	28	174
1979	15	25	47	18	22	11	12	68	25	176
1980	17	22	45	16	20	15	12	65	25	164
1981	15	23	45	16	21	14	12	56	26	147
1982	14	22	41	16	21	11	10	62	24	149
1983	14	24	44	16	21	11	11	70	30	164
1984	16	23	43	14	18	12	9	74	30	171
1985	14	22	43	13	16	13	10	76	28	166
1986	13	21	39	13	15	14	9	73	39	159



MILK COWS: Number of Milk Cow Operations, by Size Groups, 1977-1986

Year	Size group					
	1-9	10-29	30-49	50-99	100 plus	Total
	Number					
1977	N/A	N/A	N/A	N/A	N/A	20,500
1978	3,500	3,100	6,200	5,900	1,300	20,000
1979	3,500	3,100	5,900	5,700	1,300	19,500
1980	3,200	2,880	5,420	6,080	1,420	19,000
1981	3,300	2,620	5,180	5,920	1,480	18,500
1982	3,150	2,500	4,900	5,800	1,650	18,000
1983	3,100	2,400	5,000	5,750	1,750	18,000
1984	3,050	2,350	4,900	5,350	1,850	17,500
1985	2,700	2,300	4,550	5,100	1,850	16,500
1986	2,300	2,000	4,300	5,300	1,900	15,800

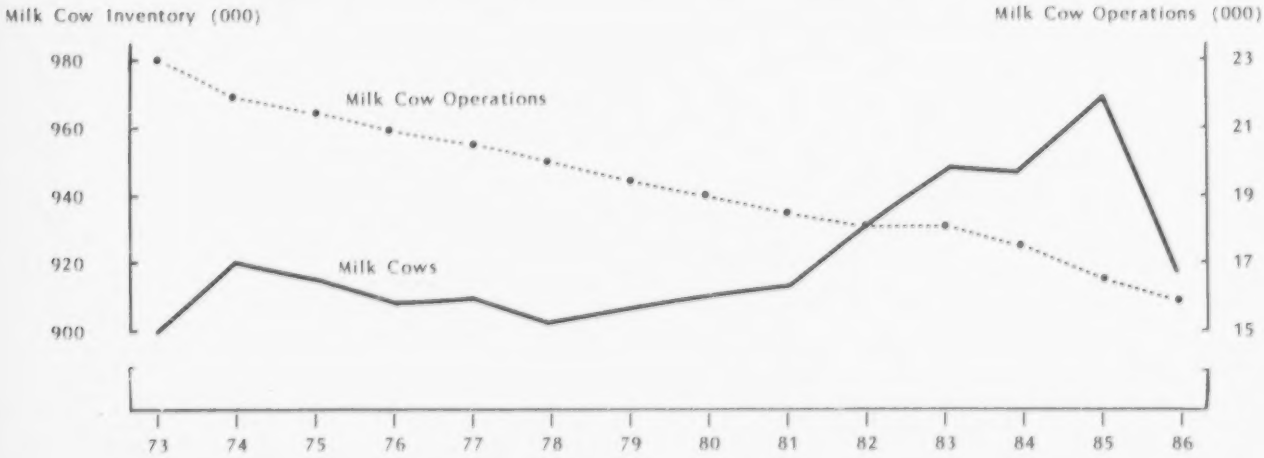
N/A - Not available.

MILK COWS: January 1 Inventory, by Size Groups, 1978-1987

Year	Size group					
	1-9	10-29	30-49	50-99	100 plus	Total
	Thousand head					
1978	N/A	N/A	N/A	N/A	N/A	915
1979	11	64	239	390	200	904
1980	9	64	237	398	202	910
1981	8	52	226	405	224	915
1982	8	52	211	405	244	920
1983	9	52	205	410	256	932
1984	8	49	212	405	269	943
1985	8	50	210	382	292	942
1986	9	51	205	388	315	968
1987	5	40	180	379	310	914

N/A - Not available.

NUMBER OF MILK COW OPERATIONS AND NUMBER OF MILK COWS JANUARY 1 FOLLOWING YEAR, NEW YORK, 1973-1986



LIVESTOCK AND POULTRY

LIVESTOCK

New York livestock producers marketed 409 million pounds of meat animals during 1986, up one percent from the 1985 total. Cash receipts, totaling $165 million, were off less than one percent from 1985. Decreased marketings of hogs, sheep and lambs were more than offset by an increase in cattle and calf sales.

Gross income from livestock production during 1986, which includes the sale of meat animals, wool, and the value of home consumption, totaled $173 million, down one percent from a year earlier. Cattle and calves accounted for 90 percent of this total, hogs and pigs nine percent, and sheep one percent.

CATTLE AND CALVES: Number of Cattle Operations, by Size Group, 1977-1986

Year	Size group			
	1-49	50-99	100 plus	Total
	Number of operations			
1977	N/A	N/A	N/A	35,000
1978	21,000	8,500	4,400	34,000
1979	20,800	7,860	4,340	33,000
1980	18,900	8,300	4,800	32,000
1981	19,100	7,600	5,300	32,000
1982	19,800	7,530	5,670	33,000
1983	20,400	7,100	5,500	33,000
1984	19,600	6,500	4,900	31,000
1985	18,000	6,300	4,700	29,000
1986	16,500	5,900	4,600	27,000

N/A - Not available.

CATTLE AND CALVES: January 1 Inventory, by Size Group, 1978-1987

Year	Size group				
	1-49	50-99	100-499	500 plus	Total
	Thousand head				
1978	N/A	N/A	N/A	N/A	1,760
1979	313	616	753	29	1,711
1980	338	625	783	34	1,780
1981	313	599	881	38	1,831
1982	318	610	959	42	1,929
1983	335	589	1,017	54	1,995
1984	346	589	1,028	57	2,020
1985	400	540	980	80	2,000
1986	374	526	979	91	1,970
1987	340	495	952	98	1,885

N/A - Not available.

CATTLE AND CALVES: Number on Farms, January 1, Inventory Value and Value per Head, 1977-1987

Year	Cows & heifers that have calved		Heifers 500 lbs. & over			Bulls 500 lbs. & over	Steers 500 lbs. & over	Calves less than 50 lbs.	Cattle & calves on feed	All cattle & calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other heifers					Number	Value per head	Total value
	Thousands									Thous.	Dol.	Thous. dol.
1977	913	112	354	37	37	28	47	332	10	1,860	365	678,900
1978	915	85	341	30	33	28	39	289	11	1,760	390	686,400
1979	904	75	339	17	41	22	22	291	11	1,711	600	1,026,600
1980	910	87	356	27	36	23	28	313	8	1,780	805	1,432,900
1981	915	110	348	27	37	22	35	337	13	1,831	815	1,492,265
1982	920	100	403	28	37	24	36	381	12	1,929	705	1,359,945
1983	932	93	435	26	41	26	35	407	10	1,995	640	1,276,800
1984	943	97	428	30	35	27	40	420	9	2,020	535	1,080,700
1985	942	88	440	30	40	24	36	400	10	2,000	555	1,110,000
1986	968	87	430	24	40	22	36	363	10	1,970	520	1,024,400
1987	914	104	390	36	47	21	38	335	17	1,885	550	1,036,750

CATTLE AND CALVES: Production, Disposition, and Income, 1977-1986

Year	Inventory Jan. 1	Calf crop	Inshipments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									Thous. dol.
1977	1,860	930	17	246	648	15	40	98	1,760	106,307
1978	1,760	910	17	245	606	10	30	85	1,711	148,112
1979	1,711	920	20	194	543	10	31	93	1,780	182,576
1980	1,780	950	22	226	537	9	33	116	1,831	189,143
1981	1,831	930	21	225	481	11	38	98	1,929	162,165
1982	1,929	930	16	235	505	11	36	93	1,995	153,055
1983	1,995	940	14	238	540	13	38	100	2,020	152,965
1984	2,020	940	15	257	575	12	36	95	2,000	173,517
1985	2,000	950	15	250	604	10	36	95	1,970	157,027
1986	1,970	930	14	254	631	9	40	95	1,885	155,728

1/ Value of marketings and home consumption.

PASTURE: Condition on First of Month, 1977-1986

80 and over, Good to Excellent; 65-79, Poor to Fair;
50-64, Very Poor; 35-49, Severe Drought

Year	May	June	July	August	September	October	November
1977	90	89	73	67	78	86	86
1978	75	85	91	68	74	81	85
1979	85	92	89	68	72	84	86
1980	86	91	86	82	79	83	79
1981	86	88	92	85	87	91	86
1982	80	83	90	78	77	73	76
1983	81	88	86	64	71	72	81
1984	87	91	89	85	81	84	83
1985	87	84	83	77	63	75	81
1986	86	87	89	89	92	89	88

CATTLE: Commercial Slaughter, 1977-86

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1977	340.1	1,110	377,335
1978	322.1	1,128	363,266
1979	245.9	1,122	275,934
1980	241.5	1,139	275,170
1981	275.6	1,145	315,633
1982	256.3	1,119	286,756
1983	259.0	1,141	295,610
1984	245.9	1,164	286,126
1985	207.5	1,178	244,444
1986	218.9	1,178	257,805

CALVES: Commercial Slaughter, 1977-86

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1977	1,091.9	131	143,477
1978	895.2	135	120,989
1979	657.0	143	94,208
1980	578.1	151	87,118
1981	635.8	151	95,893
1982	674.1	145	97,725
1983	635.8	146	92,536
1984	631.6	145	91,627
1985	572.8	138	79,225
1986	523.9	135	70,875

CATTLE AND CALVES: Number of Head Slaughtered by Months, 1977-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
						Thousands							
CATTLE													
1977	27.0	25.2	26.5	25.0	24.8	27.3	25.6	33.0	29.7	30.4	33.1	32.4	340.1
1978	30.1	28.9	29.9	26.0	27.8	26.1	22.1	26.5	25.4	28.5	27.0	23.8	322.1
1979	24.3	17.1	20.4	18.5	21.3	18.6	18.4	21.2	18.3	22.6	23.3	21.8	245.9
1980	24.0	19.3	18.7	19.9	18.2	17.2	18.7	19.7	20.5	23.9	20.1	21.5	241.5
1981	21.4	19.1	21.2	23.0	20.9	22.6	24.2	23.4	26.0	27.8	23.8	22.3	275.6
1982 2/			58.6			57.8			63.2			76.8	256.3
1983	22.4	20.0	24.3	22.6	21.2	19.4	17.9	21.3	20.8	21.8	23.0	24.4	259.0
1984	23.1	20.3	21.7	19.1	21.6	19.3	18.9	22.3	19.2	23.9	19.4	17.0	245.9
1985	17.6	16.0	16.8	17.0	17.7	14.9	16.3	17.7	16.0	20.5	18.8	18.1	207.5
1986	18.4	15.5	16.0	19.7	19.0	16.8	18.5	18.1	17.8	21.6	18.0	19.4	218.9
CALVES													
1977	88.1	85.6	112.7	115.5	83.1	80.6	78.4	93.5	91.5	86.6	89.7	86.4	1,091.9
1978	75.1	71.9	107.3	91.4	73.2	62.1	61.6	76.7	71.0	72.8	66.7	65.3	895.2
1979	59.4	48.5	67.4	55.6	50.2	44.9	48.8	61.2	52.7	58.3	58.6	51.4	657.0
1980	54.5	45.6	56.5	49.0	36.3	34.7	42.6	44.5	49.6	57.4	50.4	56.9	578.1
1981	51.4	47.6	60.4	55.1	39.8	44.2	52.9	49.9	56.6	60.6	54.0	63.4	635.8
1982 2/			176.0			145.2			166.1			186.9	674.1
1983	47.4	42.6	60.5	43.7	38.8	45.2	47.9	63.2	62.3	58.6	63.5	62.1	635.8
1984	52.8	48.6	61.4	48.9	47.4	42.1	52.2	63.0	51.2	59.8	56.2	48.0	631.6
1985	50.2	43.9	52.5	48.5	42.2	35.8	48.8	51.5	50.3	53.5	46.4	49.2	572.8
1986	47.3	42.8	49.4	45.9	35.2	32.5	45.1	46.9	46.0	46.7	41.1	44.9	523.9

1/ May not add due to rounding.
2/ Quarterly slaughter January-March, April-June, July-September, and October-December.

HOGS AND PIGS: Number on Farms, Inventory Value and Value per Head, December 1, 1977-86

Year	Hogs and pigs for breeding	Hogs & Pigs for Market					All Hogs & Pigs		
		Total	Under 60 lbs.	60-119 lbs.	120-179 lbs.	180+ lbs.	Number	Value per head	Total value
	Thousands						Thousands	Dollars	Thous. dol.
1977	19	106	37	28	25	16	125	63.00	7,875
1978	22	119	40	32	20	18	140	77.00	10,780
1979	21	118	30	53	19	16	139	50.50	7,020
1980	25	150	63	36	32	19	175	64.50	11,288
1981	22	143	51	40	35	17	165	72.50	11,963
1982	18	111	45	27	23	16	129	78.50	10,127
1983	19	114	46	28	24	16	133	68.50	9,111
1984	17	122	47	34	21	20	139	74.50	10,356
1985	17	113	37	29	27	20	130	86.00	11,180
1986	17	111	38	26	25	22	128	100.00	12,800

HOGS AND PIGS: Number of Operations, Production, Disposition, and Income, 1977-1986

Year	Operations with hogs	Inventory Dec. 1 preceding	Pigs saved	Inship-ments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income 1/
					Thousands				Thous. dol.
1977	6.7	120	201	2	168	9	21	125	15,417
1978	6.6	125	217	2	179	8	17	140	19,220
1979	6.9	140	201	3	177	10	18	139	19,881
1980	6.6	139	220	2	156	10	20	175	14,779
1981	6.5	175	202	1	190	8	15	165	19,970
1982	5.5	165	177	1	193	7	14	129	24,008
1983	6.0	129	186	8	167	8	15	133	18,263
1984	5.7	133	200	5	177	7	15	139	19,240
1985	5.4	139	177	1	161	7	19	130	16,117
1986	4.8	130	158	2	142	6	14	128	15,811

1/ Value of marketings and home consumption.

HOGS AND PIGS: Number of Hog Operations, by Size Groups, 1982-1986

Size Group	Operations				
	1982	1983	1984	1985	1986
	Number				
Number Hogs					
1-49	5,190	5,610	5,320	5,020	4,460
50-99	150	180	170	160	150
100 plus	160	210	210	220	190
TOTAL	5,500	6,000	5,700	5,400	4,800

HOGS AND PIGS: Hog Inventory, by Size Groups, 1982-1986

Size Group	Inventory				
	1982	1983	1984	1985	1986
	Thousand head				
Number Hogs					
1-49	36	35	39	33	32
50-99	13	14	15	13	13
100 plus	80	84	85	84	83
TOTAL	129	133	139	130	128

HOGS AND PIGS: Number of Head Slaughtered by Months, 1977-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Thousands						
1977	25.1	24.3	27.9	25.2	23.9	25.4	21.4	25.8	27.2	26.5	27.7	30.2	310.6
1978	27.3	25.8	29.0	26.4	26.0	24.0	21.1	24.8	24.2	26.9	26.9	26.9	309.3
1979	27.0	25.6	25.1	21.4	27.0	24.4	25.1	32.0	29.6	34.9	34.0	32.9	339.0
1980	37.9	31.0	30.4	32.7	34.8	30.9	34.3	24.9	28.4	28.8	24.6	23.2	361.8
1981	27.6	22.8	25.3	23.6	20.5	20.6	20.2	21.0	14.6	7.5	7.1	8.1	218.8
1982 2/			15.0			13.0			11.8			15.5	55.3
1983	4.8	4.3	4.9	4.6	4.6	5.3	4.7	6.1	5.8	6.8	6.7	7.1	65.8
1984	5.7	4.5	5.2	4.7	5.6	5.0	4.8	5.8	5.3	7.2	6.5	5.8	66.2
1985	5.2	4.4	4.3	4.8	4.5	4.1	5.6	7.9	8.6	10.8	10.5	12.5	83.2
1986	10.6	8.4	9.5	11.1	10.7	8.4	4.3	4.2	4.2	5.0	5.1	8.7	89.9

1/ May not add due to rounding.
2/ Quarterly slaughter January-March, April-June, July-September, and October-December.

SHEEP AND LAMBS: Commercial Slaughter, 1977-1986

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1977	50.6	101	5,124
1978	43.1	94	4,068
1979	44.2	95	4,184
1980	52.4	97	5,104
1981	59.7	98	5,851
1982	53.6	93	4,995
1983	52.8	96	5,062
1984	51.8	93	4,828
1985	52.0	96	4,983
1986	54.4	98	5,333

HOGS AND PIGS: Commercial Slaughter, 1977-1986

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1977	310.6	229	71,026
1978	309.3	229	70,827
1979	339.0	229	77,651
1980	361.8	231	83,496
1981	218.8	230	50,366
1982	55.3	226	12,512
1983	65.8	227	14,932
1984	66.2	230	15,224
1985	83.2	232	19,336
1986	89.9	236	21,261

SHEEP AND LAMBS: Number of Head Slaughtered by Months, 1977-1986

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Thousands						
1977	4.4	3.0	4.8	8.6	2.1	3.6	3.0	4.7	3.9	5.0	3.7	3.7	50.6
1978	2.9	3.3	8.6	5.0	2.6	2.3	2.2	2.5	3.2	3.8	3.6	3.0	43.1
1979	3.3	2.8	2.9	10.0	2.4	2.7	2.8	3.3	3.0	3.7	3.5	3.8	44.2
1980	3.9	3.0	8.2	5.7	2.2	2.8	4.0	4.1	4.1	6.0	3.9	4.7	52.4
1981	4.6	4.2	4.2	11.2	3.1	3.5	3.7	4.8	5.0	5.4	4.8	5.2	59.7
1982 2/			12.6			16.2			11.7			13.1	53.6
1983	4.6	3.6	6.6	3.5	4.1	3.9	3.6	4.2	4.2	4.3	4.8	5.0	52.8
1984	3.9	3.6	3.7	9.0	4.7	3.5	4.7	4.3	3.8	3.6	3.3	3.7	51.8
1985	2.9	3.0	6.1	5.2	3.7	3.6	4.9	4.7	4.4	4.9	3.9	4.7	52.0
1986	3.2	3.1	7.4	3.4	4.0	3.7	4.7	4.6	5.2	4.4	4.5	6.2	54.4

1/ May not add due to rounding.
2/ Quarterly slaughter January-March, April-June, July-September, and October-December.

SHEEP AND LAMBS: Number on Farms, Inventory Value and Value per Head, January 1, 1977-1987

Year	All stock sheep	Ewes 1 yr. & older	Rams 1 yr. & older	Ewe lambs	Wether & ram lambs	All Sheep and Lambs		
						Number	Value per head	Total value
	Thousands					Thousands	Dollars	Thous. dol.
1977	60	47	2	8	3	69	42.50	2,933
1978	58	45	2	8	3	66	47.50	3,135
1979	63	42	2	10	9	63	58.00	3,654
1980	65	43	2	12	8	65	70.50	4,583
1981	69	45	2	14	8	69	73.00	5,037
1982	70	49	2	12	7	70	70.50	4,935
1983	66	46	2	12	6	66	71.00	4,686
1984	61	42	2	11	6	61	67.00	4,087
1985	59	42	2	10	5	59	80.00	4,720
1986	55	40	3	8	4	55	79.50	4,373
1987	64	40	2	15	7	64	78.00	4,992

SHEEP AND LAMBS: Number of Operations, Production, Disposition, and Income, 1977-1986

Year	Operations with sheep	Inventory Jan. 1	Lambs saved	Inship-ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
					Sheep	Lambs		Sheep	Lambs		
		Thousands									Thous. dol.
1977	2.1	69	52	4	6	34	3	7	9	66	1,623
1978	2.2	66	50	4	7	32	3	7	8	63	1,986
1979	2.1	63	50	4	11	23	3	7	8	65	1,760
1980	2.3	65	52	6	12	26	3	6	7	69	1,946
1981	2.4	69	58	6	11	34	3	7	8	70	2,174
1982	2.4	70	54	3	16	27	3	6	9	66	1,698
1983	2.2	66	53	4	16	31	2	6	7	61	1,864
1984	2.4	61	51	3	12	31	2	5	6	59	2,031
1985	2.2	59	48	3	11	31	2	5	6	55	2,196
1986	2.0	55	50	3	9	22	1	4	8	64	1,730

1/ Value of marketings and home consumption.

SHEEP AND LAMBS: Wool Production and Value, 1977-1986

Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	Head	Pounds	Pounds	Dollars	Dollars
1977	56,000	7.0	391,000	.75	293,000
1978	54,000	7.1	381,000	.75	286,000
1979	55,000	7.2	396,000	.85	337,000
1980	56,000	7.4	414,000	.80	331,000
1981	57,000	7.4	422,000	.84	354,000
1982	60,000	7.3	438,000	.53	232,000
1983	59,000	7.3	431,000	.49	211,000
1984	55,000	7.2	396,000	.72	285,000
1985	54,000	7.2	389,000	.52	202,000
1986	53,000	7.1	376,000	.59	222,000

HONEY: Production and Value, 1977-1986

Year	Colonies of bees	Yield per acre	Production	Price per pound	Total Value	Stocks on Dec. 1
	Thous.	Pounds	Thous. lb.	Dollars	Thous. dol.	Thous. lb.
1977	120	31	3,720	.558	2,076	930
1978	110	56	6,160	.543	3,345	1,540
1979	113	62	7,006	.551	3,860	1,962
1980	117	43	5,031	.636	3,200	1,107
1981	116	34	3,944	.632	2,493	1,104
1982 1/						
1983 1/						
1984 1/						
1985 1/						
1986 2/	92	32	2,944	.600	1,766	530

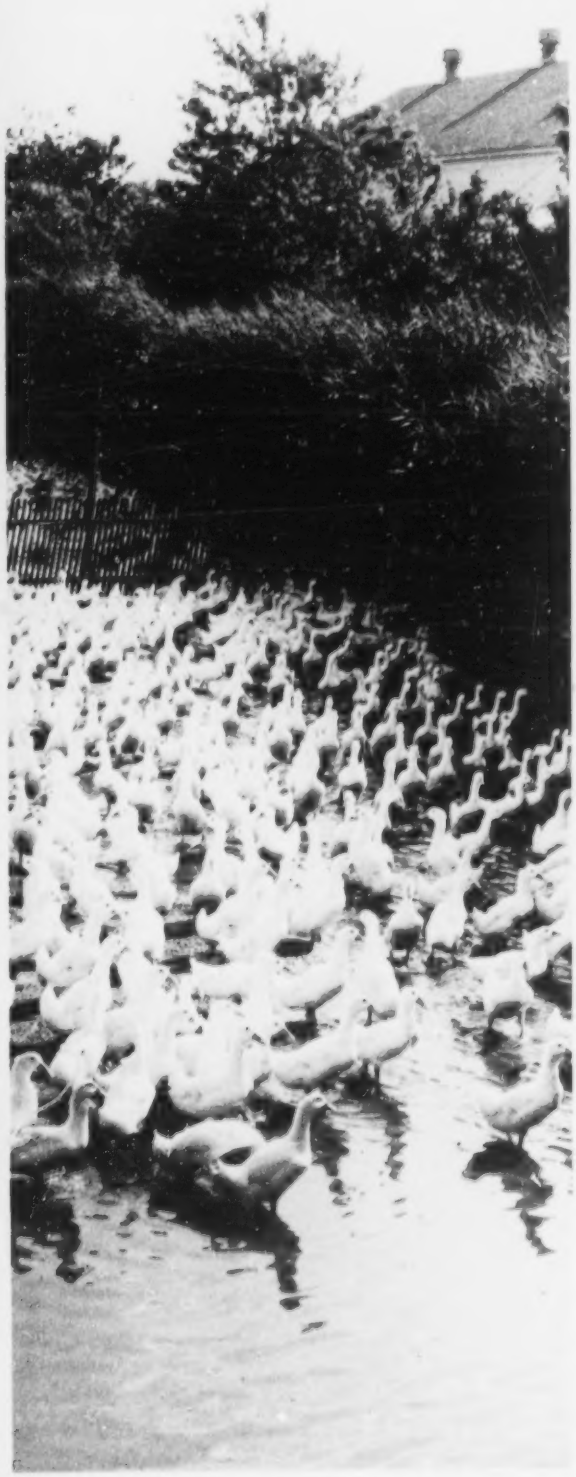
1/ No survey conducted.
2/ Excludes apiaries with less than 5 colonies.

MINK: Females Bred to Produce Kits by Color Class and Pelts Produced by Color Class, 1977-1987

Year	Standard	Pastel	Violet type	Pearl	Demi-Buff	Gunmetal	Sapphire	Mahogany	Other	Total
					Number					
FEMALES BRED										
1977	10,800	8,700	3,500	2,800	1/	1,100	530	-	1,870	29,300
1978	14,800	7,200	2,900	2,000	1/	1,300	1,100	-	1,800	31,100
1979	11,600	6,400	1,400	1,500	5,400	1,300	1,800	-	500	29,900
1980	11,000	7,800	2,100	1,900	3,600	2,000	2,100	-	1,000	31,500
1981	10,100	7,800	1,800	1,900	4,400	2,400	1,800	-	1,300	31,500
1982 2/										
1983	9,700	3,900	4,100	2,400	3,600	2,600	1,100	-	2,600	30,000
1984	10,300	3,800	3,100	3,700	1,800	2,400	940	-	1,660	27,700
1985	12,200	2,700	2,900	2,300	1,600	1,700	1,000	-	1,800	26,200
1986 4/	12,100	3,100	1,500	1,500	2,200	500	3/	3,300	3,100	27,300
1987	13,300	2,400	1,300	1,700	1,000	500	3/	2,100	2,800	25,100
PELTS PRODUCED										
1977	33,800	26,100	8,900	8,000	7,400	3,000	1,700	-	6,100	95,000
1978	40,500	28,100	8,800	4,100	14,900	5,400	4,300	-	3,900	110,000
1979	38,100	17,800	6,900	2,700	18,100	2,400	3,700	-	2,300	92,000
1980	44,600	24,600	6,300	4,900	14,500	5,900	5,600	-	3,600	110,000
1981 2/										
1982	34,100	30,300	9,900	9,600	12,600	7,000	3,500	-	6,500	113,500
1983	36,000	15,000	12,100	11,600	9,500	6,400	2,900	-	7,000	100,500
1984	45,400	9,900	14,700	12,500	7,800	6,000	3,200	-	7,500	107,000
1985 4/	44,800	7,200	5,600	4,800	20,000	7,600	3,500	9,000	6,200	108,700
1986	54,000	9,500	5,900	6,200	5,600	1,500	3/	9,600	11,700	104,000

1/ Included with Standard or other parent color class. 2/ Data not collected due to lack of federal funds.
3/ Included with "Other" to avoid disclosure of individual operations. 4/ Revised.

POULTRY



The combined value of New York produced eggs, broilers and turkeys plus value of sales for other chickens was $82.8 million for the year ending November 30, 1986. This total is six percent below a year earlier, and 24 percent less than two years ago. Lower egg production was primarily responsible for the decline. Of the 1986 combined value, 90 percent was derived from eggs, four percent from broilers, and three percent from turkeys.

Egg production in New York during 1986 totaled 1.52 billion, down 11 percent from a year earlier. However, egg prices rose from 55.8 cents per dozen in 1985 to 59.0 cents in 1986. The higher prices partially offset the decrease in production, resulting in a total value of $74.9 million.

Broiler production totaled 9.00 million pounds in 1986, up 17 percent from the 1985 total. This sharp upswing in production, combined with a higher average price resulted in a 34 percent increase in value of production to $3.24 million. Statewide turkey production was up one percent from 1985 while the average price was down 1.0 cents per pound.

DUCKS: Production and Value, 1977-86

Year	Number produced	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1977	3,600	23,200	42.0	9,744
1978	3,850	24,500	45.0	11,025
1979	4,400	28,200	44.0	12,408
1980	4,400	28,800	45.0	12,960
1981	4,200	27,700	44.0	12,188
1982	4,450	29,500	45.0	13,275
1983	4,700	31,400	45.0	14,130
1984	4,250	28,800	49.0	14,112
1985	3,950	27,000	51.0	13,770
1986	3,850	26,800	51.0	13,668

TURKEYS: Production and Value, 1977-86

Year	Number raised	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1977	138	2,884	42.0	1,211
1978	186	3,869	43.0	1,664
1979	227	4,427	42.0	1,859
1980	258	5,547	41.0	2,274
1981	268	5,869	37.0	2,172
1982	312	6,614	39.0	2,580
1983	332	7,005	39.0	2,732
1984	329	5,790	48.0	2,779
1985	314	6,123	46.0	2,817
1986	343	6,174	45.0	2,778

CHICKENS: Number on Farms, Inventory Value and Value per Head, December 1, 1977-1986

Year	Hens and pullets of laying age			Pullets over 3 mo. not laying	Pullets under 3 months	Other chickens	All Chickens (excl. meat chickens)		
	Hens over 12 months	Pullets of laying age	Total HPLA				Number	Value per head	Total value
				Thousands				Dollars	Thous. dol.
1977	3,040	4,260	7,300	1,490	1,250	60	10,100	2.00	20,200
1978	3,400	3,950	7,350	1,230	1,230	40	9,850	1.80	17,730
1979	3,450	4,000	7,450	1,300	1,400	50	10,200	1.80	18,360
1980	3,500	4,150	7,650	1,300	1,500	50	10,500	1.70	17,850
1981	3,700	3,900	7,600	1,450	1,500	50	10,600	1.75	18,550
1982	2,850	4,550	7,400	1,000	1,050	50	9,500	1.90	18,050
1983	2,500	4,200	6,700	1,050	1,200	50	9,000	2.00	18,000
1984	2,900	4,200	7,100	1,200	950	50	9,300	1.95	18,135
1985	2,800	3,700	6,500	700	740	60	8,000	1.85	14,800
1986	2,400	3,200	5,600	500	570	30	6,700	1.70	11,390

CHICKENS: Sold and Value of Sales, 1977-1986 1/

Year	Number sold	Pounds sold (Live)	Price per lb. (Live)	Value of sales
	Thous.	Thous.	Cents	Thous. dol.
1977	6,665	31,326	8.6	2,694
1978	7,025	31,613	7.4	2,339
1979	6,530	29,385	9.2	2,703
1980	6,810	30,645	6.4	1,961
1981	6,750	30,375	7.7	2,339
1982	7,585	31,857	6.7	2,134
1983	6,880	28,896	8.1	2,341
1984	6,900	28,290	12.9	3,649
1985	6,800	26,520	11.4	3,023
1986	5,600	22,960	8.3	1,906

1/ Excludes broilers.

BROILERS: Production and Value, 1977-1986 1/

Year	Number produced	Pounds produced	Price per pound	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1977	500	2,150	26.0	559
1978	500	2,250	29.0	653
1979	520	2,340	28.0	655
1980	600	2,700	28.0	756
1981	540	2,430	29.5	717
1982	570	2,451	28.0	686
1983	610	2,684	29.0	778
1984	670	2,948	35.0	1,032
1985	1,750	7,700	31.5	2,426
1986	2,000	9,000	36.0	3,240

1/ Marketing year for broiler data is preceding December-November.

EGGS: Production and Value, 1977-1986 1/

Year	Number of layers	Eggs per layer	Eggs produced	Price per dozen	Value of production
	Thous.	Number	Millions	Cents	Thous. dol.
1977	7,475	241	1,805	53.4	80,323
1978	7,488	246	1,845	46.5	71,494
1979	7,158	247	1,767	54.4	80,104
1980	7,112	250	1,776	50.3	74,444
1981	7,402	251	1,858	56.7	87,791
1982	7,394	251	1,859	55.5	85,979
1983	6,899	252	1,741	57.5	83,423
1984	6,692	256	1,710	70.8	100,890
1985	6,712	255	1,710	55.8	79,515
1986	6,125	249	1,523	59.0	74,881

1/ Marketing year for eggs is preceding December through November.

CHICKENS: Number of Layers and Egg Production, by Months, 1977 to Date

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LAYERS (Thousands)												
1977	7,500	7,450	7,525	7,550	7,525	7,550	7,500	7,450	7,450	7,325	7,275	7,400
1978	7,525	7,575	7,575	7,550	7,525	7,525	7,513	7,463	7,450	7,400	7,350	7,300
1979	7,225	7,150	7,150	7,125	7,025	7,050	7,075	7,025	7,075	7,275	7,425	7,475
1980	7,475	7,275	7,100	6,900	6,800	6,825	6,775	6,950	7,150	7,200	7,425	7,700
1981	7,625	7,375	7,275	7,400	7,400	7,325	7,400	7,250	7,275	7,375	7,425	7,600
1982	7,625	7,500	-	-	1/7,400	-	-	1/7,300	-	-	1/7,300	7,300
1983	7,050	6,925	6,875	6,938	7,038	6,926	6,775	6,725	6,725	6,750	6,750	6,676
1984	6,676	6,675	6,676	6,700	6,650	6,650	6,725	6,676	6,626	6,675	6,900	7,050
1985	6,976	7,025	6,850	6,500	6,500	6,525	6,550	6,701	6,651	6,625	6,601	6,401
1986	6,300	6,275	6,325	6,350	6,225	6,050	5,975	6,025	6,000	5,875	5,700	5,550
1987	5,100	4,750	4,600									
EGGS PER LAYER (Number)												
1977	20.18	18.65	20.46	19.95	21.02	19.95	20.46	20.52	19.83	20.58	19.80	20.37
1978	20.71	18.90	20.89	20.31	21.22	20.43	21.02	21.08	20.58	21.05	20.04	20.49
1979	20.89	19.40	21.33	20.49	21.27	20.91	21.48	20.58	19.17	20.27	20.52	20.74
1980	20.60	19.66	20.70	20.43	21.76	20.95	21.85	21.29	20.14	21.11	20.61	21.17
1981	20.98	19.12	21.58	21.35	21.89	21.02	21.22	20.97	20.21	20.88	20.61	21.18
1982	20.85	19.20	-	-	1/64.58	-	-	1/63.11	-	-	1/62.43	21.37
1983	20.71	18.77	21.09	20.90	22.17	21.37	21.85	21.56	20.67	21.33	20.59	21.57
1984	21.57	19.93	21.42	20.60	21.35	20.45	21.86	22.47	21.43	22.02	20.87	21.13
1985	21.07	19.07	21.90	21.38	21.85	21.15	21.98	21.64	21.05	21.74	20.91	20.93
1986	20.63	18.80	20.71	20.47	21.37	21.16	21.76	21.24	20.50	20.94	20.18	21.08
1987	21.37	19.37	21.74									
TOTAL EGG PRODUCTION (Million Eggs)												
1977	151	139	154	151	158	151	153	153	148	151	144	151
1978	156	143	158	153	159	154	158	157	153	156	147	150
1979	151	139	153	146	149	147	152	145	136	147	152	155
1980	154	143	147	141	148	143	148	148	144	152	153	163
1981	160	141	157	158	162	154	157	152	147	154	153	161
1982	159	144	-	-	2/478	-	-	2/461	-	-	2/456	156
1983	146	130	145	145	156	148	148	145	139	144	139	144
1984	144	133	143	138	142	136	147	150	142	147	144	149
1985	147	134	150	139	142	138	144	145	140	144	138	134
1986	130	118	131	130	133	128	130	128	123	123	115	117
1987	109	92	100									
FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH (Percent of All Layers)												
1977	1.0	0.5	3.5	4.0	2.0	2.5	1.5	1.0	0.5	0.5	1.0	2.5
1978	1.5	1.5	1.0	1.5	2.0	4.0	2.5	1.0	1.0	0.5	1.5	1.0
1979	2.0	2.0	0.5	0.5	2.0	1.0	2.5	2.0	4.0	3.0	3.0	2.0
1980	2.5	3.5	1.0	0.5	1.5	1.5	1.0	1.5	1.5	2.5	2.0	1.5
1981	1.5	1.5	1.0	1.0	2.0	4.0	0.5	0.5	0.5	1.5	1.0	1.0
1982	0.5	2.0	1.0	-	-	2.5	-	-	2.5	-	-	2.0
1983	-	2.5	1.5	1.0	1.0	1.5	1.0	3.5	3.5	1.5	1.5	2.0
1984	1.0	1.0	2.0	2.5	4.0	3.5	0.5	0.5	1.0	2.0	2.0	2.0
1985	1.5	2.5	1.0	4.0	3.0	2.0	4.5	2.0	0.5	3.0	8.5	3.0
1986	2.0	7.5	7.5	1.0	1.0	2.0	2.5	5.0	1.0	1.5	.5	3.0
1987	2.0	2.5	3.0	5.0								
FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH (Percent of All Layers)												
1977	6.5	7.0	6.0	5.0	5.0	5.0	4.5	3.0	3.0	2.0	1.5	2.5
1978	4.0	3.0	2.5	2.5	2.0	2.5	6.0	5.5	6.5	7.5	5.5	4.0
1979	5.0	7.0	6.0	5.0	6.5	6.5	3.5	4.0	3.5	6.0	4.5	6.5
1980	5.5	7.5	6.0	3.5	3.0	4.5	6.0	3.0	4.0	5.0	7.5	6.5
1981	7.5	7.5	7.0	4.5	5.0	4.0	6.5	6.5	4.0	3.5	2.5	5.5
1982	6.0	8.0	10.0	-	-	9.0	-	-	5.5	-	-	8.5
1983	-	8.0	6.0	5.5	7.5	8.5	7.5	8.5	8.0	9.0	9.0	10.0
1984	9.0	10.0	11.5	11.0	12.0	8.5	7.5	7.0	7.0	5.5	4.0	8.0
1985	7.5	6.5	8.5	8.0	7.5	6.5	8.5	7.0	10.0	11.0	12.0	12.0
1986	12.0	9.5	13.0	12.0	13.0	14.5	17.5	17.5	18.5	17.5	17.0	14.5
1987	16.5	12.5	12.5	12.0								

1/ Quarterly average layers and eggs per layer March-May, June-August, and September-November.
2/ Quarterly egg production March-May, June-August and September-November.

OTHER AGRICULTURAL STATISTICS

Prices received during 1986 by New York farmers for cattle, calves, milk, hay, and feed grains were down from the previous year. However, prices received for hogs, lambs, apples, and potatoes were up from 1985. Considering over one-half of all New York's cash farm receipts is derived from the sale of milk, it is anticipated that total cash receipts from farm marketings of all commodities during 1986 will be about two percent below a year earlier.

Milk producers across the State received an average of $12.60 per hundredweight (cwt.) for milk sold in 1986, down two percent from a year earlier. The dairy diversion program ended on March 31, 1985 and on April 1, 1986 the dairy termination program (DTP) began. This program is part of the Food Security Act and is often referred to as the whole herd buy-out. The DTP has three buy-out or disposal periods: April 1, 1986-August 31, 1986; September 1, 1986-February 28, 1987; and March 1, 1987-August 31, 1987. A total of 2,631 New York dairymen submitted bids of which 542 were accepted into the program with an estimated 55,183 cows, heifers, and calves to be slaughtered or exported. The total estimated DTP payments in New York State will be about $75 million which will be paid over a five year period to the 542 participants.

The DTP carried with it a 52 cents per cwt. producer assessment on all milk sold April 1, 1986-September 30, 1986, then 40 cents per cwt. from October 1, 1986-December 31, 1986 and lastly 25 cents per cwt. January 1, 1987-September 30, 1987. This assessment was a cost of marketing rather than a reduction in price. Therefore, it has not been subtracted from the price received for milk. The sharp increase in the Index of Prices Paid by Dairy Farmers for April 1986 reflects the beginning of the assessment.

Prices paid by farmers throughout the Northeast for most corn based dairy, poultry and hog feeds were below a year ago. However, feed and other production costs were not low enough to offset the DTP assessments. As a result, the 1986 annual average Index of Prices Paid by Dairy Farmers was up one percent from 1985 while the Index of Prices Received for Milk, seasonally adjusted was down two percent.

As a consequence of the Gramm-Rudman-Hollings Act, starting with April 1986, prices paid by farmers for production items are collected only quarterly and regionally. Due to reduced sample sizes, only feed and fuel prices are published regionally. Prices for all other production items are available only at the U.S. level.

DAIRY FARM PRICE INDEXES: Prices Received and Prices Paid, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
INDEX OF PRICES RECEIVED FOR MILK, SEASONALLY ADJUSTED (1977 = 100)													
1977	97	98	98	100	101	102	101	101	102	101	101	102	100
1978	101	103	103	106	107	108	107	108	109	112	115	118	108
1979	118	121	119	121	123	124	122	122	123	123	126	127	122
1980	126	128	129	132	134	134	131	130	131	132	135	139	132
1981	138	141	142	144	144	144	140	137	136	135	137	139	140
1982	137	139	140	142	142	142	139	136	135	135	137	139	139
1983	137	140	140	142	142	141	138	136	135	134	136	135	138
1984	134	134	135	137	138	138	135	134	135	135	139	138	136
1985	137	137	135	135	132	129	126	123	122	121	123	124	129
1986	123	124	123	125	126	126	125	125	126	128	131	132	126
1987	131	130	128										
INDEX OF PRICES PAID BY DAIRY FARMERS 1/ (1977 = 100)													
1977	101	102	101	100	101	101	101	98	98	100	100	102	100
1978	103	103	103	104	104	106	107	105	107	108	110	111	106
1979	113	114	117	116	119	120	122	123	123	126	126	128	121
1980	130	131	133	133	133	134	134	137	139	143	146	147	137
1981	151	150	150	149	149	150	148	148	149	148	149	148	149
1982	147	149	148	148	150	149	151	149	147	147	148	148	148
1983	149	149	149	153	159	159	159	160	169	169	170	164	159
1984	164	163	164	164	164	164	162	160	160	160	160	158	162
1985	159	159	158	151	150	149	148	149	147	149	150	151	152
1986	152	151	-	158	-	-	154	-	-	152	-	-	154
1987	150	-	-										
RATIO OF INDEX OF PRICES RECEIVED FOR MILK TO INDEX OF PRICES PAID BY DAIRY FARMERS													
1977	96	96	97	100	100	101	100	103	104	101	101	100	100
1978	98	100	100	102	103	102	100	103	102	104	105	106	102
1979	104	106	102	104	103	103	100	99	100	98	100	99	101
1980	97	98	97	99	101	100	98	95	94	92	92	95	96
1981	91	94	95	97	97	96	95	93	91	91	92	94	94
1982	93	93	95	96	95	95	92	91	92	92	93	94	94
1983	92	94	94	93	89	89	87	85	80	79	80	82	87
1984	82	82	82	84	84	84	83	84	84	84	87	87	84
1985	86	86	85	89	88	87	85	83	83	81	82	82	85
1986	81	82	2/81	79	2/80	2/80	81	2/81	2/82	84	2/86	2/87	82
1987	87	2/87	2/85										

1/ The index is adjusted to include the dairy assessment from April 16, 1983-March 31, 1985 and the Food Security Act assessment from April 1, 1986-August 31, 1987. 2/ Ratio derived using the most recent prices paid index.

CONSUMER PRICE INDEX (CPI-U): All Urban Consumers, City Average, Unadjusted, United States, 1977 to Date 1/

(1967 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1977	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	298.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1	328.4
1987	333.1	334.4	335.9										

1/ U.S. Department of Labor, BLS.

FEED PRICE RATIOS: Milk, Eggs and Hogs, Monthly Average, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK - FEED PRICE RATIO 1/												
1977	1.30	1.26	1.27	1.29	1.22	1.25	1.35	1.55	1.64	1.70	1.63	1.49
1978	1.45	1.52	1.49	1.43	1.47	1.43	1.46	1.64	1.67	1.72	1.68	1.60
1979	1.59	1.57	1.50	1.51	1.50	1.45	1.47	1.53	1.57	1.54	1.54	1.45
1980	1.51	1.54	1.49	1.47	1.45	1.43	1.49	1.42	1.43	1.42	1.38	1.37
1981	1.33	1.36	1.38	1.35	1.32	1.31	1.42	1.49	1.51	1.57	1.56	1.53
1982	1.58	1.50	1.51	1.48	1.38	1.42	1.50	1.63	1.69	1.67	1.68	1.68
1983	1.60	1.58	1.52	1.47	1.38	1.37	1.44	1.43	1.38	1.36	1.36	1.28
1984	1.30	1.31	1.29	1.26	1.28	1.27	1.35	1.47	1.51	1.58	1.62	1.63
1985	1.63	1.59	1.56	1.52	1.51	1.46	1.53	1.56	1.64	1.67	1.63	1.52
1986 2/	1.49	1.49	-	1.41	-	-	1.53	-	-	1.79	-	-
1987	1.72	-	-									
EGG - FEED PRICE RATIO 3/												
1977	9.0	8.2	7.3	6.4	5.3	5.5	6.4	6.8	7.3	6.8	7.2	7.0
1978	6.2	7.2	6.7	5.7	5.3	4.6	6.2	6.5	6.4	6.6	7.4	8.0
1979	7.9	7.3	7.6	7.4	6.6	6.6	5.7	5.8	5.8	5.6	6.6	7.0
1980	5.8	5.3	5.5	5.1	4.3	4.4	5.3	5.1	5.4	4.9	5.8	5.7
1981	5.1	5.0	5.0	4.9	4.4	4.3	5.0	5.3	5.4	5.9	6.6	6.1
1982	6.9	6.4	6.6	6.0	5.0	4.9	5.0	5.1	5.6	5.9	5.9	5.2
1983	4.8	4.9	5.1	5.1	4.7	4.9	4.8	5.3	5.1	5.6	6.3	7.5
1984	8.8	7.4	6.9	7.7	5.8	5.3	5.4	5.3	5.6	5.0	6.2	5.4
1985	5.0	5.0	5.9	5.2	5.0	5.7	5.7	6.8	6.6	6.9	7.6	6.7
1986 2/	6.5	6.2	-	6.2	-	-	6.6	-	-	7.1	-	-
1987	6.9	-	-									
HOG - CORN PRICE RATIO 4/												
1977	14.1	14.0	13.7	13.2	14.6	16.0	18.9	22.1	19.9	20.4	23.3	17.7
1978	19.3	19.5	18.9	18.5	18.8	17.8	18.8	19.0	18.8	23.8	23.0	20.5
1979	20.6	21.3	21.7	18.2	17.8	14.7	13.0	12.3	12.2	13.5	14.1	15.3
1980	13.6	12.6	12.5	10.6	9.7	12.4	13.2	13.0	12.9	14.8	13.7	12.6
1981	11.8	11.5	10.9	10.5	11.6	12.8	13.9	15.8	17.4	16.5	17.3	15.1
1982	16.9	18.1	18.0	19.3	20.5	20.5	20.2	22.0	22.4	23.0	20.9	21.3
1983	21.0	21.0	16.4	14.3	13.6	12.8	12.4	13.0	11.5	11.7	11.0	13.1
1984	13.1	13.6	12.6	12.6	12.6	13.1	13.7	13.6	12.7	14.4	17.2	16.8
1985	16.8	16.3	14.9	13.6	13.7	14.6	15.4	15.6	14.6	17.4	17.2	16.9
1986	17.2	16.8	14.5	15.4	17.6	19.6	24.6	29.1	28.7	29.4	32.7	29.4
1987	27.1	24.3	26.6									

1/ Pounds of 16 percent dairy feed equal in value to 1 pound of milk.
2/ Starting April 1986, only regional feed price ratios are available quarterly. Ratios shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland and Delaware.
3/ Pounds of laying feed equal in value to 1 dozen eggs.
4/ Bushels of corn equal in value to 100 pounds of hog liveweight.

PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
WHEAT (Dollars per bushel)													
1977	2.40	2.42	2.59	2.36	2.22	2.11	1.82	1.81	1.92	1.99	2.12	2.24	1.96
1978	2.32	2.57	2.55	2.76	2.73	2.57	3.12	3.27	3.32	3.63	3.54	3.69	3.35
1979	3.66	3.53	3.60	3.53	3.57	3.50	3.64	3.77	3.77	3.72	3.69	3.92	3.77
1980	3.96	3.94	3.93	3.79	3.81	3.74	3.80	3.86	3.91	4.09	4.22	4.05	3.95
1981	4.43	4.38	4.39	4.09	4.18	3.85	3.12	3.11	3.24	3.14	3.22	3.77	3.20
1982	3.34	3.40	3.18	3.38	3.19	3.03	3.24	3.37	3.51	3.31	3.19	3.20	3.30
1983	3.20	3.29	3.15	3.23	3.29	3.35	3.23	3.42	3.39	3.36	3.46	3.50	3.30
1984	3.28	3.31	3.32	3.41	3.50	3.43	3.20	3.19	3.21	3.27	3.37	3.35	3.25
1985	3.30	3.42	3.39	3.35	3.34	3.09	2.85	2.70	2.59	2.66	2.80	3.07	2.80
1986	2.92	2.90	2.90	2.88	3.15	2.95	2.22	2.05	2.08	2.26	2.24	2.43	2.20
1987	2.50	2.57	2.60										
OATS (Dollars per bushel)													
1977	1.76	1.94	1.97	1.83	1.80	1.77	1.31	1.23	1.23	1.32	1.59	1.55	1.54
1978	1.64	1.82	1.78	1.71	1.66	1.47	1.36	1.11	1.36	1.13	1.34	1.50	1.34
1979	1.48	1.43	1.44	1.47	1.36	1.41	1.39	1.22	1.29	1.29	1.43	1.49	1.47
1980	1.55	1.49	1.62	1.65	1.84	1.86	1.79	1.68	1.85	1.74	1.98	2.26	1.99
1981	2.36	2.37	2.25	2.38	2.39	2.42	1.84	1.73	1.75	1.88	1.89	1.97	1.90
1982	2.06	2.10	2.10	1.99	2.00	1.98	1.92	1.46	1.51	1.53	1.62	1.66	1.57
1983	1.59	1.57	1.56	1.55	1.55	1.55	1.56	1.58	1.74	1.91	1.97	2.06	1.94
1984	2.20	2.22	2.14	2.26	2.14	2.23	2.25	1.95	1.85	2.05	1.96	2.07	1.95
1985	2.04	2.09	1.98	1.87	1.80	1.70	1.34	1.03	1.12	1.16	.98	1.02	1.09
1986	1.06	1.10	1.07	1.09	1.02	1.14	.96	.75	.94	.87	1.07	1.15	1.15
1987	1.40	1.51	1.40										
CORN (Dollars per bushel)													
1977	2.59	2.68	2.63	2.62	2.42	2.47	2.23	1.83	2.04	1.96	1.69	2.25	2.20
1978	2.19	2.21	2.38	2.37	2.46	2.52	2.44	2.39	2.39	2.06	2.07	2.33	2.44
1979	2.32	2.44	2.33	2.50	2.55	2.85	3.13	2.99	3.15	2.67	2.46	2.57	2.75
1980	2.77	2.92	2.76	2.75	3.10	2.94	3.17	3.56	3.54	3.24	3.36	3.53	3.50
1981	3.53	3.63	3.62	3.73	3.55	3.72	3.48	3.13	2.81	2.66	2.45	2.62	2.66
1982	2.62	2.68	2.70	2.67	2.77	2.81	2.87	2.80	2.67	2.41	2.44	2.48	2.95
1983	2.60	2.63	2.94	3.20	3.34	3.48	3.55	3.66	3.84	3.51	3.43	3.48	3.54
1984	3.47	3.35	3.58	3.61	3.60	3.67	3.70	3.61	3.65	2.98	2.74	2.78	2.85
1985	2.82	2.86	2.88	2.88	2.89	2.90	2.85	2.70	2.70	2.44	2.46	2.62	2.45
1986	2.56	2.50	2.64	2.49	2.51	2.55	2.25	2.04	1.96	1.75	1.53	1.64	1.70
1987	1.67	1.89	1.67										
APPLES, COMMERCIAL CROP FOR FRESH CONSUMPTION (Dollars per cwt.)													
1977	12.60	12.80	14.60	14.50	14.90	15.50	15.00	15.00	12.00	12.50	13.00	13.00	13.70
1978	13.00	13.50	14.50	15.50	16.00	16.50	16.00	15.00	15.00	13.00	13.00	12.00	13.50
1979	12.50	12.50	13.50	14.50	14.50	15.00	15.50	14.50	12.00	12.50	13.50	17.00	17.50
1980	17.50	18.00	20.50	22.00	22.50	23.50	22.10	20.00	19.00	17.80	15.50	16.50	18.00
1981	17.20	17.70	18.40	18.50	19.20	20.00	19.00	18.50	20.50	19.50	21.00	20.00	21.00
1982	21.00	21.50	21.00	23.00	24.00	24.00	16.00	16.00	14.50	13.50	13.50	14.60	14.50
1983	14.40	14.60	15.00	14.50	15.00	15.00	14.00	14.00	18.00	15.80	15.30	17.00	16.90
1984	17.00	18.00	17.50	18.00	18.00	18.00	-	16.00	19.20	21.10	19.00	20.00	20.10
1985	2/20.50	19.50	19.50	20.00	21.00	21.00	-	-	12.50	11.20	11.20	11.70	11.50
1986	12.40	12.00	11.00	10.90	11.80	11.80	-	-	18.20	16.00	16.10	15.70	17.00
1987	16.20	17.20	15.90										

1/ Season average price based on marketing year, not calendar year. (Wheat and Oats: July of crop year through June of following year. Corn: October through September. Apples: July through June.) Prior to 1979, price includes an allowance for any unredeemed loans and purchases by the Government, valued at the average loan rate. Monthly prices do not include this allowance.

2/ Starting July 1985, price is equivalent packinghouse door rather than price at point of first sale.

PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
ALL HAY BALED (Dollars per ton)													
1977	53.50	53.00	51.00	50.50	48.00	46.00	48.50	51.50	53.50	56.50	59.00	62.00	60.50
1978	68.50	67.50	69.00	69.00	70.00	64.00	56.50	56.00	55.50	55.00	59.00	58.00	57.50
1979	55.50	56.00	55.50	57.50	53.00	52.50	50.00	50.00	50.00	52.00	54.00	54.00	52.50
1980	57.00	52.00	52.00	49.50	50.50	48.50	45.00	53.00	57.50	60.00	59.50	62.50	58.00
1981	61.00	68.00	68.00	65.00	63.50	64.00	64.50	64.00	67.00	67.00	66.00	67.00	69.00
1982	71.00	74.00	76.00	78.00	75.00	74.00	74.00	73.00	75.00	78.00	78.00	77.00	77.00
1983	77.00	78.00	81.00	80.00	80.00	76.00	77.00	77.00	80.00	80.00	80.00	82.00	82.00
1984	83.00	87.00	90.00	88.00	87.00	80.00	80.00	81.00	82.00	82.00	83.00	85.00	81.50
1985	82.00	80.00	82.00	80.00	81.00	77.00	72.00	71.00	76.00	76.00	75.00	76.00	75.50
1986	77.00	76.00	77.00	76.00	78.00	78.00	81.00	76.00	80.00	76.00	76.00	65.00	74.50
1987	69.00	58.00	67.00										
ALFALFA HAY BALED (Dollars per ton)													
1977	60.00	58.50	59.00	56.00	54.50	53.00	55.50	58.50	60.50	62.00	66.00	69.00	2/
1978	76.00	76.00	78.00	76.50	80.00	72.50	62.50	62.00	62.00	61.50	65.00	64.00	
1979	61.00	64.00	63.00	64.00	60.50	60.00	54.50	56.50	55.00	58.50	62.50	62.50	
1980	64.50	59.00	57.50	54.00	53.00	51.50	48.00	57.50	63.00	64.50	65.00	66.50	
1981	66.00	70.00	70.00	68.00	66.50	67.00	67.00	66.00	68.00	70.00	68.00	70.00	
1982	74.00	78.00	81.00	82.00	79.00	78.00	77.00	79.00	81.00	83.00	82.00	81.00	
1983	84.00	86.00	87.00	85.00	84.00	82.00	82.00	82.00	86.00	88.00	87.00	89.00	
1984	90.00	95.00	96.00	96.00	92.00	83.00	83.00	85.00	88.00	87.00	87.00	90.00	
1985	88.00	88.00	89.00	87.00	87.00	83.00	78.00	79.00	84.00	85.00	85.00	87.00	
1986	89.00	89.00	87.00	84.00	86.00	86.00	87.00	87.00	82.00	80.00	75.00	69.00	
1987	73.00	66.00	73.00										
OTHER HAY BALED (Dollars per ton)													
1977	46.00	47.50	42.00	44.50	40.50	38.00	41.00	43.50	45.50	50.50	51.50	54.00	2/
1978	60.00	58.50	59.50	61.00	59.00	54.50	50.50	49.50	48.50	48.00	52.00	51.00	
1979	50.00	47.00	47.00	50.00	45.00	44.00	45.50	43.00	46.00	45.00	44.50	44.50	
1980	49.00	44.00	46.50	45.00	42.50	36.50	41.00	47.00	52.50	55.00	54.00	57.00	
1981	56.00	63.50	62.00	61.00	60.50	61.00	62.00	60.00	64.00	63.00	63.00	[illegible].00	
1982	68.00	70.00	72.00	73.00	71.00	70.00	70.00	67.00	70.00	73.00	72.00	[illegible].00	
1983	72.00	73.00	75.00	75.00	74.00	72.00	72.00	69.00	73.00	74.00	74.00	75.00	
1984	76.00	79.00	80.00	80.00	79.00	77.00	77.00	76.00	78.00	77.00	77.00	77.00	
1985	72.00	72.00	75.00	71.00	71.00	68.00	63.00	60.00	63.00	65.00	65.00	65.00	
1986	64.00	66.00	71.00	70.00	72.00	73.00	73.00	68.00	74.00	70.00	63.00	63.00	
1987	62.00	55.00	62.00										
CABBAGE, UPSTATE, FRESH MARKET 3/ (Dollars per cwt.)													
1977	15.40	21.40	22.00	22.00	-	6.20	7.66	5.00	6.70	7.15	6.12	6.35	7.22
1978	6.00	9.20	9.50	10.00	12.00	12.70	10.90	6.70	6.00	6.60	5.80	5.40	10.56
1979	7.80	11.70	16.00	20.80	-	10.10	6.10	5.20	5.20	4.50	4.80	4.80	4.85
1980	4.90	4.55	4.55	5.57	9.10	13.20	8.21	7.11	8.46	7.84	10.70	11.40	9.80
1981	11.00	10.50	9.80	9.80	11.70	8.70	7.30	5.76	6.70	7.00	6.80	6.80	8.25
1982	9.70	10.20	8.95	10.30	-	14.00	13.00	6.60	7.10	7.00	6.40	6.20	6.93
1983	6.10	5.80	5.60	6.10	6.10	11.30	10.70	12.90	13.40	10.40	8.80	11.30	18.90
1984	24.30	30.70	40.30	-	-	18.50	8.60	5.70	5.00	5.00	5.20	5.50	8.25
1985	8.80	8.55	12.00	13.20	-	7.55	7.00	4.50	5.80	4.65	5.90	6.70	7.20
1986	9.10	8.50	8.30	8.85	-	10.60	14.10	10.40	11.40	10.80	10.50	13.00	10.70
1987	10.50	9.40	10.90										

1/ Season average price based on marketing year, not calendar year. (Hay: June of crop year through May of following year. Cabbage: June through May.)
2/ Not available.
3/ FOB price equivalent.

PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
ONIONS (Fresh Market) (Dollars per cwt.)													
1977	12.10	16.50	18.00	16.00	14.00	-	-	7.50	8.30	9.50	8.30	7.00	7.81
1978	6.00	6.40	8.00	10.00	10.00	-	-	11.30	8.10	7.00	6.80	7.30	7.85
1979	8.15	9.65	8.85	6.75	6.75	-	-	9.90	9.45	8.05	7.55	7.25	7.85
1980	7.11	6.87	7.80	9.35	-	-	-	13.30	11.60	12.10	13.00	15.20	15.10
1981	17.30	18.60	22.90	22.00	22.00	22.00	17.80	18.20	13.70	13.90	14.10	13.90	14.70
1982	14.70	17.90	16.60	13.50	12.40	12.30	-	11.50	8.40	8.10	8.20	6.90	8.23
1983	6.60	8.50	9.40	13.20	-	17.60	-	20.20	17.70	15.50	19.50	19.90	19.40
1984	20.00	21.00	24.60	23.70	23.50	-	-	15.00	13.20	11.50	10.40	10.30	10.70
1985	12.60	9.85	8.90	8.45	9.50	-	14.80	14.80	12.00	10.60	9.90	10.40	11.30
1986	12.60	12.10	10.50	13.20	9.70	9.60	12.00	10.80	14.60	18.50	19.70	18.80	17.10
1987	19.30	23.20	23.90										
POTATOES, ALL (Dollars per cwt.)													
1977	5.57	5.73	5.96	7.10	6.70	7.50	3.97	3.77	3.71	4.16	3.70	3.88	3.94
1978	3.99	4.01	4.14	4.61	4.49	3.50	5.50	4.86	4.00	4.18	4.28	4.33	4.49
1979	4.76	4.80	5.08	4.72	5.67	-	4.37	4.81	4.10	4.20	4.05	4.24	4.14
1980	4.30	3.85	3.85	4.10	4.20	-	-	8.15	7.45	7.55	8.70	8.90	8.85
1981	11.30	11.20	11.10	11.10	10.70	-	10.40	7.55	6.50	5.85	5.60	5.70	6.15
1982	5.50	6.00	6.20	6.55	6.65	-	-	5.75	5.30	5.05	4.55	4.65	4.90
1983	4.00	4.65	4.95	6.70	6.95	5.35	-	8.05	6.80	7.40	7.45	7.80	7.85
1984	8.55	8.15	8.85	9.60	7.55	7.30	-	8.10	5.95	5.50	5.25	5.55	5.95
1985	5.85	6.25	6.30	6.80	5.95	6.00	-	3.85	4.35	4.10	3.75	3.65	3.85
1986	3.55	4.50	3.45	3.50	3.05	3.80	-	6.40	7.10	7.95	7.45	8.20	7.65
1987	8.45	8.40	8.95										
POTATOES, LONG ISLAND (Dollars per cwt.)													
1977	5.20	5.15	5.20	5.35	5.45	7.00	3.40	3.40	3.30	3.80	3.40	3.20	3.36
1978	3.20	3.25	3.10	3.15	3.50	3.50	4.50	4.15	3.35	3.70	3.85	3.85	3.99
1979	4.40	4.40	4.60	4.60	5.00	-	-	3.95	3.65	3.85	3.80	3.80	3.65
1980	3.80	3.30	3.30	3.20	3.65	-	-	8.85	8.65	8.70	9.85	9.85	10.00
1981	13.00	12.00	12.00	12.20	-	-	8.65	7.10	6.05	6.00	5.65	5.50	6.05
1982	5.60	5.85	5.95	6.00	6.00	-	-	6.10	5.25	4.00	4.00	3.50	4.20
1983	3.50	3.80	4.00	4.25	5.10	5.35	-	8.10	7.40	7.65	7.80	8.05	8.00
1984	8.80	8.50	9.00	8.50	7.00	6.80	-	8.10	5.75	4.85	4.85	4.65	5.40
1985	4.80	4.95	5.00	5.00	5.20	-	-	3.50	3.00	2.80	2.80	2.80	2.90
1986	3.00	2.80	2.80	2.80	2.80	-	-	6.00	6.10	7.40	7.50	7.50	6.85
1987	7.70	7.90	8.00										
POTATOES, UPSTATE (Dollars per cwt.)													
1977	6.15	6.65	6.80	7.85	7.50	7.50	4.40	4.40	4.35	4.80	4.40	5.00	4.83
1978	5.10	5.05	5.20	5.50	5.50	-	6.50	6.00	4.60	4.65	4.90	4.80	4.99
1979	5.15	5.20	5.50	4.75	6.00	-	-	6.30	4.50	4.60	4.30	4.70	4.65
1980	4.75	4.60	4.60	4.75	5.40	-	-	6.80	6.80	6.70	7.70	8.25	7.95
1981	9.45	10.50	10.50	10.40	10.70	-	11.90	9.00	7.00	5.70	5.50	5.85	6.20
1982	5.45	6.05	6.25	6.60	7.20	-	-	7.90	6.25	5.60	5.50	5.25	5.45
1983	4.50	5.25	5.30	7.10	7.50	-	-	8.00	6.50	7.10	7.00	7.50	7.75
1984	8.40	7.85	8.80	9.95	7.95	7.50	-	8.20	6.00	5.90	5.50	6.40	6.30
1985	6.45	7.00	6.95	7.10	6.25	6.00	-	5.60	5.10	4.80	4.50	4.20	4.45
1986	3.90	5.55	3.80	3.75	3.30	3.80	-	8.00	7.70	8.30	7.40	8.50	8.05
1987	8.80	8.50	9.05										

1/ Season average price based on marketing year, July through June, not calendar year.

PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Annual Average, 1977 to Date

BEEF CATTLE (Dollars per cwt.)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1977	25.60	24.90	27.10	28.00	28.70	28.20	25.90	25.90	26.00	23.90	24.60	24.50	26.20
1978	27.70	29.70	32.50	34.60	38.20	39.50	40.60	37.60	39.30	40.40	41.40	41.50	36.60
1979	47.80	50.70	52.40	54.30	57.80	55.30	53.10	48.90	49.60	49.00	49.60	51.60	51.50
1980	50.50	51.60	48.50	46.80	45.80	47.50	45.60	47.30	47.40	46.40	45.40	45.40	47.40
1981	44.00	44.90	42.80	43.80	44.50	44.90	44.00	44.20	41.80	39.00	39.40	37.70	42.40
1982	38.70	39.30	39.90	40.60	44.50	44.70	42.60	41.50	39.30	37.80	37.90	37.40	40.30
1983	37.80	39.60	39.90	41.50	43.80	43.10	39.80	37.40	36.80	34.90	32.70	33.40	38.00
1984	35.00	39.30	40.20	39.80	40.60	40.30	38.80	38.10	35.80	34.70	33.50	34.30	37.60
1985	36.60	38.60	38.70	37.50	39.00	37.80	35.20	34.10	33.00	32.80	32.40	32.80	35.50
1986	33.80	34.60	34.10	32.50	35.60	36.00	34.40	33.50	34.70	34.00	33.80	34.10	34.20
1987	36.30	38.40	40.00										

STEERS AND HEIFERS (Dollars per cwt.)

1977	32.00	30.70	32.20	31.50	34.20	34.00	33.30	32.40	32.00	31.50	31.80	31.90	32.60
1978	34.60	36.50	40.00	42.20	44.70	49.10	47.90	46.20	44.50	47.70	47.00	49.60	44.00
1979	55.00	59.70	64.30	67.20	67.90	66.10	65.50	62.30	59.70	58.30	56.90	55.90	61.20
1980	58.30	58.30	59.70	54.40	54.80	56.70	55.20	55.60	55.70	54.70	53.00	52.20	55.60
1981	50.90	51.60	50.80	49.40	52.90	52.90	55.00	55.20	51.60	47.30	44.90	45.10	50.70
1982	47.90	46.70	49.10	49.90	54.00	54.20	53.70	50.90	47.40	42.60	44.60	47.20	49.10
1983	46.40	47.60	47.20	51.70	52.70	52.90	50.90	44.70	43.20	42.00	41.00	42.90	47.10
1984	43.20	48.90	47.30	47.40	47.40	47.80	45.10	46.30	42.10	42.90	41.20	44.90	45.30
1985	46.50	44.60	42.00	45.30	45.10	46.20	43.00	42.00	39.60	42.30	42.70	40.60	43.30
1986	41.80	40.80	41.70	39.80	41.80	41.60	42.10	43.60	42.60	40.80	45.30	41.10	41.80
1987	45.40	46.00	47.10										

SLAUGHTER COWS (Dollars per cwt.)

1977	24.80	24.10	26.40	27.20	27.40	27.10	24.70	24.90	24.90	22.70	23.40	23.50	25.00
1978	26.70	28.70	31.40	33.30	36.80	37.90	39.00	36.20	38.10	38.60	40.20	40.10	35.30
1979	46.20	49.50	50.70	52.30	55.20	53.30	51.10	47.00	48.00	47.00	48.30	50.80	49.80
1980	49.30	50.80	47.30	46.00	44.30	45.80	44.00	46.30	46.30	45.30	44.70	44.70	46.30
1981	43.40	44.20	41.90	43.10	43.00	43.60	42.40	42.40	40.40	37.70	38.80	36.70	41.30
1982	37.30	38.50	38.40	38.90	42.10	42.40	40.90	39.60	37.70	37.00	36.20	35.50	38.60
1983	37.10	38.90	39.10	40.40	42.70	42.00	38.60	36.70	36.20	34.40	32.30	32.90	37.20
1984	34.50	38.60	39.70	39.20	39.90	39.70	38.30	37.60	35.30	34.20	32.60	33.40	36.90
1985	35.90	38.20	38.50	36.80	38.40	36.90	34.60	33.60	32.60	31.80	31.20	32.10	34.90
1986	33.30	34.20	33.60	31.90	34.70	35.50	33.70	33.10	34.10	33.40	32.70	33.50	33.60
1987	35.40	37.80	39.60										

CALVES (Dollars per cwt.)

1977	34.70	37.70	37.00	37.90	45.30	40.20	34.90	37.10	36.80	34.60	38.90	35.80	37.50
1978	42.70	43.00	46.00	48.60	60.00	61.00	59.90	61.30	65.20	72.60	72.70	69.20	58.20
1979	79.30	88.40	91.80	95.20	105.00	102.00	93.40	75.30	84.80	89.10	84.60	81.30	88.80
1980	91.00	87.60	76.60	79.20	79.70	82.20	78.30	75.00	78.50	76.10	70.20	68.60	78.00
1981	63.70	68.30	64.80	68.40	82.10	80.80	68.00	65.30	64.70	60.90	56.90	57.80	66.20
1982	59.10	59.40	56.00	60.10	73.30	66.50	63.50	58.80	58.90	54.30	51.00	51.20	58.80
1983	59.90	62.60	59.60	65.60	77.60	70.60	54.30	52.10	53.00	55.20	52.30	53.20	59.20
1984	73.00	79.10	72.20	74.80	80.30	78.20	63.10	60.10	66.70	71.90	60.60	67.20	70.50
1985	68.70	66.20	60.60	59.10	67.50	72.50	58.60	49.90	49.00	49.40	52.30	50.60	58.70
1986	54.80	60.10	53.70	50.50	67.80	66.90	52.80	50.50	58.70	63.60	59.00	57.70	57.80
1987	59.10	64.80	63.10										

PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Annual Average, 1977 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
HOGS 1/ (Dollars per cwt.)													
1977	36.40	37.40	36.00	34.70	35.40	39.60	42.20	40.40	40.50	40.00	39.40	39.90	38.00
1978	42.20	43.00	44.90	43.90	46.30	44.90	45.90	45.30	45.00	49.00	47.70	47.70	44.90
1979	47.70	52.00	50.50	45.40	45.40	41.80	40.60	36.80	38.50	36.00	34.60	39.30	43.20
1980	37.60	36.90	34.60	29.10	30.10	34.40	41.90	46.40	45.80	47.80	45.90	44.50	39.00
1981	41.50	41.90	39.30	39.00	41.30	47.60	48.50	49.50	48.90	44.00	42.40	39.60	44.10
1982	44.30	48.50	48.70	51.50	56.80	57.60	58.00	61.70	59.80	55.40	51.00	52.90	52.70
1983	54.50	55.20	48.30	45.70	45.30	44.70	44.00	47.40	44.20	41.00	37.70	45.70	46.20
1984	45.60	45.40	45.10	45.50	45.30	47.90	50.80	49.00	46.20	42.80	47.10	46.70	46.30
1985	47.40	46.70	42.90	39.30	39.60	42.30	43.80	42.10	39.30	42.50	42.40	44.30	42.90
1986	44.00	42.00	38.40	38.40	44.30	50.10	55.40	59.30	56.30	57.40	50.10	48.20	47.20
1987	45.20	46.00	44.40										
LAMBS (Dollars per cwt.)													
1977	48.10	48.10	46.40	47.50	56.20	42.50	47.00	45.10	48.70	50.90	51.60	52.30	48.70
1978	52.90	58.80	84.30	60.60	61.00	65.90	59.40	51.90	58.10	58.30	53.90	57.50	62.70
1979	62.90	68.50	68.60	80.20	69.80	71.10	59.30	58.90	78.00	57.30	62.00	65.00	68.20
1980	67.20	65.00	81.60	78.40	69.30	70.40	66.30	63.80	63.50	61.20	54.90	55.30	67.00
1981	55.90	52.20	57.20	88.80	66.40	67.20	61.00	57.10	50.50	46.90	44.40	45.00	60.50
1982	46.50	50.20	72.40	62.00	59.50	59.10	54.30	49.60	47.90	44.80	44.10	50.30	54.80
1983	54.80	58.20	74.70	74.50	60.70	55.60	52.20	44.30	43.40	45.60	46.90	53.00	55.10
1984	59.30	58.30	55.70	86.60	61.60	57.90	50.60	51.60	54.80	55.20	56.60	59.70	64.30
1985	61.40	66.20	94.40	70.00	67.70	64.70	62.50	61.50	62.60	61.10	62.70	63.50	69.20
1986	66.10	68.00	90.20	100.00	70.20	71.70	68.00	62.30	64.10	59.80	61.00	63.40	71.20
1987	69.80	75.70	74.40										
MILK COWS FOR HERD REPLACEMENT (Dollars per head)													
1977	480	475	465	480	475	480	480	485	505	490	480	495	483
1978	515	530	545	545	605	665	665	665	705	770	780	800	649
1979	850	890	950	1,000	1,020	1,050	1,100	1,100	1,100	1,100	1,150	1,150	1,040
1980	1,160	1,190	1,200	1,200	1,170	1,180	1,160	1,190	1,200	1,230	1,250	1,240	1,200
1981	1,230	1,220	1,190	1,160	1,160	1,170	1,180	1,180	1,170	1,150	1,130	1,120	1,170
1982	1,120	1,090	1,060	1,050	1,040	1,040	1,040	1,050	1,020	1,020	1,010	1,010	1,060
1983	1,000	990	980	970	970	980	970	960	910	870	870	850	950
1984	800	800	840	860	850	840	840	830	810	810	800	790	830
1985	800	800	810	820	820	810	800	790	780	750	740	740	790
1986	740	750	740	740	750	770	770	760	750	760	770	770	755
1987	790	790	810										
MILK, WHOLESALE (Dollars per cwt.)													
1977	9.65	9.60	9.30	9.15	9.05	9.10	9.65	10.10	10.40	10.60	10.40	10.10	9.75
1978	10.10	10.10	9.90	9.80	9.70	9.70	10.10	10.80	11.20	11.70	11.90	11.70	10.50
1979	11.80	11.80	11.40	11.20	11.10	10.90	11.60	12.30	12.60	12.90	12.90	12.50	11.90
1980	12.60	12.70	12.50	12.30	12.20	12.10	12.60	13.10	13.60	14.00	14.10	14.00	13.00
1981	14.00	13.90	13.60	13.40	13.20	13.00	13.50	13.90	14.20	14.50	14.30	14.00	13.80
1982	13.90	13.80	13.60	13.30	13.00	13.00	13.40	13.90	14.20	14.40	14.30	14.10	13.70
1983	13.90	13.90	13.50	13.40	13.10	12.90	13.40	13.90	14.10	14.30	14.30	13.70	13.70
1984	13.60	13.40	13.20	12.90	12.80	12.70	13.20	13.70	14.20	14.50	14.70	14.10	13.50
1985	14.00	13.80	13.30	12.80	12.30	11.80	12.30	12.60	12.80	13.00	12.90	12.70	12.80
1986	12.60	12.50	12.10	11.90	11.70	11.70	12.20	12.90	13.30	13.80	13.90	13.50	12.60
1987	13.30	12.90	12.40										
EGGS 1/ (Cents per dozen)													
1977	71.0	65.8	58.6	51.2	43.9	44.5	47.7	47.6	48.4	45.0	47.7	49.5	53.4
1978	43.6	51.3	49.6	43.3	39.7	36.2	46.1	48.2	47.7	48.1	55.4	59.8	46.5
1979	59.1	56.2	60.8	56.4	49.7	53.5	50.0	51.3	50.6	48.7	55.7	62.5	54.4
1980	48.5	44.9	47.7	44.7	37.8	40.3	49.4	51.2	55.2	53.8	64.1	67.1	50.3
1981	60.4	55.1	54.2	55.5	49.6	48.1	52.1	55.3	58.2	58.3	66.0	2/59.6	56.7
1982 2/	65.0	61.3	62.9	55.6	47.3	46.9	47.4	49.8	51.6	53.3	53.1	50.4	54.6
1983	48.3	50.6	53.6	53.6	54.8	53.8	51.6	59.5	61.8	66.4	77.5	89.4	56.7
1984	100.0	86.1	78.7	90.0	61.6	57.6	57.4	54.8	56.1	51.1	59.7	56.0	70.0
1985	48.7	47.9	55.4	48.6	44.5	54.1	51.1	60.0	63.6	65.3	68.9	65.5	55.0
1986	63.2	58.0	68.1	53.8	52.2	46.2	56.1	56.2	59.7	54.9	64.7	61.7	58.2
1987	53.9	50.7	49.2										

1/ Marketing year is December 1 of previous year through November 30 of the year indicated.
2/ Starting December 1981, table egg price replaces all egg price series.

PRICES PAID BY FARMERS: Selected Feeds, Mid-Month and Annual Average, 1977 to Date 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
MIXED DAIRY FEED, 16% PROTEIN (Dollars per ton)													
1977	149	152	147	142	148	146	143	140	127	125	128	136	139.40
1978	139	133	133	137	132	136	138	132	134	136	142	146	136.50
1979	148	150	152	148	148	150	158	161	161	167	167	172	156.80
1980	167	165	168	167	168	169	169	185	190	197	205	205	179.60
1981	210	205	197	199	200	198	190	186	188	185	183	183	193.70
1982	176	184	180	180	188	183	179	171	168	172	170	168	176.60
1983	175	176	178	182	190	189	187	194	205	210	210	215	192.60
1984	210	205	205	205	200	200	195	186	188	183	181	173	194.30
1985	172	174	171	168	163	162	161	162	156	156	158	167	164.20
1986	169	168	-	169	-	-	160		-	154	-	-	162.90
1987	155	-	-										
CHICK STARTER MASH (Dollars per ton)													
1977	174	184	185	188	192	198	180	155	153	155	152	168	173.70
1978	165	159	164	172	173	185	172	170	165	160	168	178	169.30
1979	173	178	185	178	181	184	199	199	196	198	199	205	189.60
1980	187	196	194	198	197	205	215	230	235	250	255	260	219.00
1981	255	245	235	240	250	245	235	240	240	225	225	220	238.00
1982	215	215	215	215	225	225	220	215	205	205	200	200	213.00
1983	205	210	215	220	235	235	225	240	255	265	270	260	236.00
1984	255	255	250	255	235	230	235	230	220	215	215	200	233.00
1985	205	205	205	210	200	200	200	190	200	205	200	210	203.00
1986	215	205	-	196	-	-	198	-	-	191	-	-	198.80
1987	172	-	-										
COMPLETE LAYING FEED (Dollars per ton)													
1977	157	160	160	161	165	162	150	140	122	132	132	141	149.40
1978	141	142	148	151	151	156	148	149	148	145	149	149	148.10
1979	150	153	159	152	150	162	175	176	175	175	170	178	164.60
1980	167	169	172	177	177	184	185	200	205	220	220	235	192.60
1981	235	220	215	225	225	225	210	210	215	198	200	197	215.00
1982	191	195	192	189	195	195	193	200	187	184	182	196	191.60
1983	205	210	215	215	225	225	220	230	245	240	250	240	227.00
1984	230	235	230	235	215	220	215	210	205	210	195	194	216.00
1985	200	194	192	191	183	192	184	180	195	192	184	197	190.30
1986	196	190	-	177	-	-	173	-	-	158	-	-	175.30
1987	160	-	-										
MIXED HOG FEED, 14-18% PROTEIN (Dollars per 100 pounds)													
1977	8.40	8.50	8.60	8.60	8.80	8.70	8.20	7.60	7.60	7.50	7.40	7.80	8.14
1978	7.90	7.80	7.90	8.10	8.10	8.20	8.10	7.90	7.80	8.00	8.10	8.20	8.01
1979	8.30	8.30	8.50	8.40	8.50	8.60	9.40	9.40	9.40	9.50	9.40	9.50	8.93
1980	9.40	9.30	9.20	9.40	9.40	9.60	9.60	10.50	11.00	11.00	11.00	11.40	10.10
1981	11.00	11.50	11.00	11.00	11.00	11.50	11.00	11.00	11.00	10.50	10.50	10.00	10.90
1982	9.90	10.00	9.80	10.00	10.50	10.00	10.00	10.00	9.70	9.70	9.60	9.60	9.90
1983	9.80	9.80	9.70	10.50	10.50	10.50	10.50	11.00	11.50	12.00	12.00	12.00	10.80
1984	12.00	11.50	11.00	11.50	11.50	11.60	11.50	11.10	11.20	11.10	10.90	10.60	11.30
1985	10.20	10.20	10.20	10.20	10.00	9.90	9.80	9.90	9.80	9.80	9.50	9.80	9.94
1986	9.90	9.90	-	9.48	-	-	9.50	-	-	8.90	-	-	9.45
1987	8.80	-	-										
BRAN (Dollars per 100 pounds)													
1977	7.50	7.70	7.30	7.10	7.50	7.40	7.30	6.30	6.20	6.20	6.30	6.80	6.97
1978	6.80	6.80	6.90	7.00	6.70	7.00	6.80	6.80	6.60	6.60	6.90	7.00	6.83
1979	7.20	7.20	7.40	7.10	7.10	7.20	7.70	7.60	7.70	7.70	7.90	8.10	7.49
1980	8.30	8.00	8.00	8.70	9.00	8.70	8.80	8.90	9.60	9.80	9.90	10.50	9.02
1981	10.50	10.50	10.00	10.00	10.00	10.00	9.50	9.50	9.40	9.30	9.60	9.40	9.81
1982	9.20	9.40	8.80	8.90	9.40	9.30	9.20	9.00	8.80	8.70	8.60	8.50	8.98
1983	8.80	8.70	8.70	8.90	9.20	9.40	9.30	9.50	9.80	10.00	10.50	11.00	9.48
1984	10.50	10.50	10.00	10.50	10.00	9.80	9.50	9.00	9.20	9.10	9.20	8.80	9.68
1985	8.70	8.50	8.40	8.30	8.10	7.80	8.00	7.90	7.70	7.60	7.90	8.10	8.08
1986	8.40	8.50	-	8.93	-	-	8.30	-	-	8.50	-	-	8.55
1987	8.50	-	-										

1/ Starting with April 1986 only regional prices are published quarterly. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

PRICES PAID BY FARMERS: Selected Feeds, Mid-Month and Annual Average, 1977 to Date 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
CORN MEAL (Dollars per 100 pounds)													
1977	6.60	6.90	6.70	6.80	6.80	6.80	6.50	6.10	5.80	5.70	5.80	6.10	6.38
1978	6.20	6.10	6.20	6.40	6.30	6.60	6.60	6.50	6.40	6.30	6.30	6.30	6.35
1979	6.40	6.50	6.50	6.60	6.60	7.00	7.70	7.90	8.10	8.00	7.70	7.50	7.21
1980	7.40	7.40	7.50	7.50	7.60	7.80	8.00	8.80	9.10	9.30	9.10	9.20	8.23
1981	9.30	9.40	9.30	9.80	9.80	10.00	9.80	9.80	9.40	8.50	8.10	8.00	9.27
1982	7.70	7.90	7.90	8.00	8.10	7.90	7.90	7.80	7.70	7.70	7.70	7.80	7.84
1983	7.80	7.90	7.90	8.40	8.80	8.80	8.90	9.30	9.90	10.00	9.80	9.80	8.94
1984	9.80	9.60	9.50	9.60	9.60	9.70	9.80	9.80	9.60	9.40	8.80	8.70	9.49
1985	8.60	8.60	8.60	8.50	8.20	8.20	8.20	8.20	8.10	7.90	7.60	7.80	8.21
1986	7.70	7.90	-	7.84	-	-	7.90	-	-	7.10	-	-	7.66
1987	7.00	-	-										
SOYBEAN MEAL, 44% PROTEIN (Dollars per 100 pounds)													
1977	13.00	13.50	14.00	15.50	16.50	16.00	14.00	11.50	11.00	10.50	11.00	11.00	13.10
1978	12.00	11.00	11.50	12.00	11.50	12.00	12.00	12.00	11.50	11.50	12.50	12.50	11.80
1979	13.00	13.00	13.00	13.00	13.00	13.00	14.00	13.50	13.50	13.50	13.00	13.00	13.20
1980	13.00	13.00	12.50	12.50	12.50	12.50	13.50	14.50	15.00	15.50	17.00	17.50	14.10
1981	17.00	16.50	16.50	16.50	16.50	16.00	15.50	15.50	15.50	14.50	14.50	14.50	15.80
1982	14.50	15.00	15.00	14.50	15.00	14.50	14.50	14.00	13.50	13.00	13.50	13.50	14.20
1983	14.00	13.50	13.50	13.50	14.00	14.00	14.00	15.00	16.50	16.50	16.50	16.00	14.80
1984	16.00	15.50	14.50	14.50	14.50	14.50	14.00	13.00	12.50	12.00	12.00	12.00	13.80
1985	11.50	11.50	10.50	10.50	10.00	9.80	9.60	9.90	10.00	10.50	10.50	11.00	10.40
1986	11.00	11.50	-	11.70	-	-	11.80	-	-	11.70	-	-	11.60
1987	11.70	-	-										
BEEF CATTLE CONCENTRATE, 32-36% PROTEIN (Dollars per 100 pounds)													
1977	9.80	10.00	9.50	10.00	11.00	10.50	11.00	9.70	10.00	9.10	9.00	9.50	9.93
1978	9.20	9.20	9.50	9.30	9.70	10.00	9.40	9.20	9.30	8.60	9.40	10.00	9.40
1979	10.50	10.50	10.50	9.50	9.20	10.00	12.00	10.50	10.00	10.50	10.50	11.50	10.40
1980	10.50	10.00	9.80	11.00	12.00	11.50	12.50	12.50	13.00	13.50	13.50	15.00	12.10
1981	14.00	13.50	12.50	12.50	12.50	12.00	11.50	12.50	12.50	13.50	14.50	14.00	13.00
1982	14.00	13.50	13.00	13.50	13.50	13.50	13.50	12.50	12.00	12.00	12.00	11.00	12.70
1983	12.00	12.00	11.50	12.00	12.00	12.00	12.00	12.50	13.00	13.00	13.00	13.00	12.30
1984	13.00	12.50	12.00	12.00	13.00	13.50	13.50	13.00	13.00	13.00	12.50	12.50	12.80
1985	13.00	12.50	12.00	12.00	11.00	11.00	11.00	12.00	12.50	11.50	11.50	11.00	11.80
1986	12.00	11.50	-	11.60	-	-	11.20	-	-	10.50	-	-	11.30
1987	11.10	-	-										
MOLASSES, LIQUID (Dollars per 100 pounds)													
1977	4.85	4.90	4.90	4.80	4.80	4.70	4.70	4.60	4.55	4.60	4.55	4.60	4.71
1978	4.70	4.65	4.70	4.75	4.70	4.75	4.80	4.80	5.00	5.10	5.50	5.70	4.93
1979	6.00	6.10	6.10	6.20	6.30	6.30	6.30	6.50	6.60	6.70	6.80	6.70	6.38
1980	6.80	7.00	7.10	7.20	7.20	7.50	7.50	7.20	7.60	7.80	7.90	8.60	7.45
1981	8.40	8.40	8.60	8.80	8.60	8.10	8.00	8.00	8.00	7.90	7.70	7.40	8.16
1982	7.30	7.60	7.60	7.70	7.70	7.70	7.40	7.00	7.00	7.00	7.00	7.00	7.33
1983	7.00	7.00	7.00	7.00	7.10	7.10	7.00	7.20	7.80	8.00	8.00	7.90	7.34
1984	8.00	8.40	7.80	7.80	7.50	7.40	7.30	7.20	7.20	7.10	7.10	7.10	7.49
1985	7.10	7.10	7.00	7.00	6.90	6.80	6.80	6.80	6.70	6.80	6.80	6.90	6.89
1986	7.00	7.00	-	7.77	-	-	7.80	-	-	8.60	-	-	7.79
1987	7.90	-	-										
STOCK SALT (Dollars per 100 pounds)													
1977	3.55	3.50	3.55	3.55	3.55	3.60	3.60	3.70	3.65	3.70	3.75	3.80	3.63
1978	4.00	4.15	4.15	4.20	4.15	4.10	4.10	4.05	4.20	4.30	4.40	4.40	4.18
1979	4.35	4.55	4.50	4.50	4.50	4.50	4.80	4.60	4.50	4.65	4.75	4.80	4.58
1980	4.90	5.00	5.10	5.40	5.50	5.30	5.40	5.50	5.70	6.10	5.90	5.80	5.47
1981	5.80	6.20	6.50	6.00	6.20	6.20	6.00	6.30	6.50	6.60	6.60	6.50	6.28
1982	6.50	6.50	6.60	6.70	6.70	6.70	6.60	6.60	6.80	6.80	6.80	6.90	6.68
1983	6.80	6.70	6.80	7.20	7.00	6.90	6.90	7.00	7.40	7.60	7.70	7.90	7.16
1984	8.20	7.80	7.70	7.70	7.80	7.50	7.60	7.50	7.60	7.40	7.60	7.50	7.66
1985	8.00	8.20	8.00	8.10	8.10	8.20	8.10	8.40	8.40	8.40	8.30	8.50	8.23
1986	8.40	7.90	-	8.73	-	-	8.70	-	-	8.80	-	-	8.60
1987	8.80	-	-										

1/ Starting with April 1986 only regional prices are published quarterly. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

PRICES PAID BY FARMERS: Building Materials and Supplies, Annual Averages, 1977-1986

Year	Fir 2x4's standard 1,000 bd. ft.	Dressed boards 1 inch 1,000 bd. ft.	Shingles, asphalt mineral, 240 lb. per sq.	Concrete blocks, 8x8x16", per 100	Portland cement 94 lb. net	House paint exterior, per gallon
			Dollars			
1977	338.00	587.00	22.90	55.20	3.41	12.40
1978	378.00	708.00	24.90	58.50	3.72	13.10
1979	425.00	800.00	27.60	63.80	4.17	14.60
1980	401.00	897.00	31.20	72.50	4.76	15.60
1981	373.00	940.00	31.80	80.30	5.09	16.30
1982	352.00	895.00	31.60	85.20	5.30	17.20
1983	401.00	908.00	31.50	87.80	5.68	17.30
1984	403.00	920.00	30.80	87.30	5.97	16.70
1985	395.00	973.00	29.10	87.80	6.23	16.90
1986 1/						

Year	Nails, 8D common per lb.	Barbed wire, galvanized 4 pt., 80 rod spool	Steel post line fence ea.	Iron pipe, galvanized 1 1/4" per ft.	Adjustable end wrench 10", ea.	Electric motor 1/3 hp each
			Dollars			
1977	.535	28.90	2.28	1.35	7.43	43.50
1978	.558	27.60	2.51	1.48	8.03	46.00
1979	.570	30.10	2.59	1.60	8.30	49.30
1980	.688	34.50	3.31	1.78	9.40	61.50
1981	.760	35.90	3.71	2.15	10.40	69.00
1982	.795	37.00	3.81	2.33	11.00	75.50
1983	.778	36.10	3.81	2.38	12.00	80.00
1984	.730	36.50	3.70	2.13	11.00	91.00
1985	.718	33.60	3.79	2.13	11.00	89.00
1986 1/						

1/ State average prices discontinued. U.S. averages available upon request.

PRICES PAID BY FARMERS: Fertilizer, Per Ton, Annual Averages, 1977-1986

Year	5-10-10	10-10-10	10-20-20	15-15-15	Super Phosphate 44-46%	Urea, 45-46% N	Ground limestone spread on field
				Dollars			
1977	113.00	123.00	155.00	149.00	-	180.00	16.50
1978	113.00	125.00	159.00	156.00	-	189.00	17.80
1979	134.00	148.00	189.00	181.00	-	213.00	20.40
1980	168.00	185.00	226.00	214.00	265.00	259.00	22.80
1981	184.00	201.00	236.00	228.00	271.00	275.00	22.50
1982	180.00	194.00	236.00	219.00	264.00	278.00	23.80
1983	159.00	168.00	209.00	206.00	221.00	249.00	23.90
1984	168.00	176.00	214.00	211.00	231.00	250.00	24.30
1985	149.00	163.00	198.00	194.00	204.00	238.00	24.80
1986 1/	138.00	150.00	180.00	178.00	200.00	200.00	23.30

1/ Starting with 1986 only regional prices are published. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, Delaware, and West Virginia.

PRICES PAID BY FARMERS: Field Seeds, Annual Averages, 1977-1986 1/

Year	Alfalfa, certified varieties, per 100 lb.	Red clover, per 100 lb. 2/	Seed wheat, winter, per bushel	Seed oats, per bushel	Seed corn, Hybrid per bushel	Seed potatoes, per 100 lb.
			Dollars			
1977	183.00	108.00	5.30	3.80	34.00	7.80
1978	219.00	128.00	6.40	3.90	39.00	6.80
1979	252.00	115.00	8.00	2/3.20	39.50	7.10
1980	265.00	110.00	7.90	4.45	49.00	7.40
1981	265.00	117.00	7.60	5.40	51.00	15.00
1982	260.00	126.00	7.70	5.60	61.00	10.00
1983	240.00	160.00	7.60	5.05	64.00	8.40
1984	255.00	145.00	8.20	5.70	68.00	11.00
1985	255.00	121.00	7.20	5.60	66.00	8.80
1986 3/						

1/ Spring season, except for winter wheat seed.
2/ U.S. average. State estimate not available.
3/ State average prices discontinued. U.S. averages available upon request.

PRICES PAID BY FARMERS: Farm Machinery, Annual Averages, 1977-1986

Year	Tractors, wheel type, with rubber tires and usual accessories			Moldboard plow, 3 bottom	Corn planter, 4-row/fert. attachment
	30-39 PTO or belt hp	50-59 PTO or belt hp	110-129 PTO or belt hp		
			Dollars		
1977	7,200	10,800	22,700	1,300	3,050
1978	8,300	11,300	24,300	1,580	3,550
1979	9,200	12,700	26,300	1,850	4,200
1980	9,530	13,200	30,200	2,150	5,300
1981	10,800	14,800	33,200	2,400	6,400
1982	11,700	16,200	36,200	2,580	7,200
1983	11,500	17,000	38,800	2,580	7,700
1984	12,000	17,800	42,000	2,630	8,100
1985	12,200	17,800	42,000	2,580	8,900
1986 1/					

Year	Manure spreader 2 wheel, rubber tires, power driven 140-190 bu. capacity	Farm wagon or tractor trailer (without tires or box)	Forage harvester PTO shear bar type with pick-up attachment	Mower mounted or tractor-drawn 7 ft.	Pick-up baler PTO
			Dollars		
1977	2,550	600	6,200	1,150	4,600
1978	2,750	700	6,500	1,250	4,800
1979	3,250	780	8,500	1,300	5,900
1980	3,550	810	8,500	1,550	6,500
1981	4,100	840	9,600	1,900	7,000
1982	4,850	910	11,000	2,100	8,000
1983	4,950	960	12,000	2,300	9,200
1984	5,350	1,000	13,000	2,400	10,000
1985	5,700	1,000	14,000	2,350	10,000
1986 1/					

1/ State average prices discontinued. U.S. averages available upon request.

PRICES PAID BY FARMERS: Motor Fuel and Supplies, Annual Averages, 1977-1986

Year	Gasoline, reg. bulk delivery per gallon	Diesel fuel, per gallon	Motor oil, HD, per gallon	Grease, 35 pound pail	Storage battery 12 v. 220-310 amps
			Dollars		
1977	.608	.481	2.53	14.90	36.50
1978	.630	.509	2.70	16.50	39.50
1979	.843	.723	2.91	19.00	43.90
1980	1.170	1.030	3.88	24.40	53.50
1981	1.320	1.310	4.95	28.50	55.00
1982	1.250	1.240	5.65	30.60	57.50
1983	1.240	1.140	5.31	30.30	56.00
1984	1.220	1.140	4.76	29.60	51.80
1985	1.210	1.080	4.91	34.50	51.30
1986	1/.942	1/.840	2/	2/	2/

Year	Spark plugs	Antifreeze permanent, per gallon	Auto tire, 4-ply bias belted	Truck tire, 6-ply, 7.00x15	Tractor tire, rear, 6-ply, 1.4x34
			Dollars		
1977	1.63	4.43	44.90	50.50	290.00
1978	1.65	4.10	43.80	49.60	298.00
1979	1.68	4.13	46.30	51.60	311.00
1980	1.88	5.15	50.40	62.30	358.00
1981	1.88	5.55	53.30	71.00	394.00
1982	2.05	5.50	53.80	71.80	440.00
1983	2.18	4.93	52.50	73.00	403.00
1984	2.05	4.43	46.40	66.80	408.00
1985	2.00	4.48	45.40	62.00	390.00
1986 2/					

1/ Starting with 1986 only regional prices are published. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland and Delaware.
2/ State average prices discontinued. U.S. averages available upon request.

PRICES PAID BY FARMERS: Telephone and Electricity, 1977-1986

Year	Telephone			Electricity		
	Farms With Telephones	Average Monthly Local	Average Total Bill	Average Monthly KWH USed	Monthly Bill	Cost/KWH
	Percent	Dollars		KWH	Dollars	Cents
1977	98	10.80	23.00	1,800	66.60	3.70
1978	98	12.20	25.00	1,800	68.40	3.80
1979	98	12.30	26.80	1,780	73.00	4.10
1980	98	12.80	30.40	2,050	100.00	4.90
1981	98	14.20	35.10	2,000	114.00	5.70
1982	98	18.00	43.00	2,000	126.00	6.30
1983	98	19.20	42.70	2,150	142.00	6.60
1984	99	20.20	48.70	2,200	152.00	6.90
1985	99	21.00	46.50	2,350	167.00	7.10
1986 1/						

1/ Survey discontinued.

AGRICULTURAL LABOR: Wage Rates by Method of Pay, April, July and October, 1977-1986 1/

Year	All hired farm workers	By piece-rate	Other than piece-rate	By hour only	By cash wages only	By hour, cash wages only	Other
				Dollars per hour			
April							
1977	2.36	2/	2.36	2.59	2.68	2.63	N/A
1978	2.71	2/	2.72	2.83	3.06	2.88	N/A
1979	2.98	2/	2.98	3.26	3.31	3.24	N/A
1980	2.95	2/	2.95	3.00	3.20	3.00	N/A
1981	3.26	2/	3.26	3.47	3.68	3.62	N/A
1982 3/							
1983 3/							
1984 3/							
1985 5/	4.00	4.42	4/	4.29	4/	4/	3.66
1986	4.44	2/	4/	4.62	4/	4/	4.18
July							
1977	2.35	2/	2.33	2.47	2.73	2.56	N/A
1978	2.72	2/	2.72	2.88	3.00	2.92	N/A
1979	2.80	2/	2.79	2.87	3.00	3.05	N/A
1980	2.86	2/	2.85	3.06	3.21	3.16	N/A
1981 3/							
1982	3.26	2/	4/	3.50	4/	4/	2.97
1983	3.52	2/	4/	3.67	4/	4/	3.27
1984	3.39	2/	4/	3.43	4/	4/	3.24
1985 5/	3.84	2/	4/	4.01	4/	4/	3.61
1986	4.23	2/	4/	4.45	4/	4/	3.70
October							
1977	2.87	3.78	2.66	2.69	3.03	2.83	N/A
1978	2.90	3.64	2.75	2.90	3.09	3.00	N/A
1979	2.85	3.56	2.68	3.16	3.10	3.15	N/A
1980	3.54	2/	3.39	3.50	3.60	3.45	N/A
1981 3/							
1982 3/							
1983 3/							
1984	3.80	2/	4/	3.56	4/	4/	3.30
1985 5/	4.16	5.29	4/	4.13	4/	4/	3.98
1986	4.56	5.91	4/	4.56	4/	4/	4.31

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites.
2/ Insufficient data for this category.
3/ No survey conducted for July 1981, October 1981-83 and April 1982-84.
4/ Discontinued.
5/ Beginning with 1985 all information is for New York and New England combined.
N/A - Not available.

AGRICULTURAL LABOR: Wage Rates by Type of Work Performed, April, July and October, 1977-1986 1/

Year	Field and livestock workers	Field workers	Livestock workers	Packinghouse workers	Machine operators	Supervisors	Other agricultural workers
				Dollars per hour			
April							
1977	2.20	N/A	N/A	2/	2/	2/	3.08
1978	2.47	2.96	2.20	2/	2/	2/	3.07
1979	4/	3.29	2.54	3.31	3.50	2/	3.41
1980	4/	3.00	2.60	2/	2/	2/	2/
1981	4/	3.59	2.50	3.68	4.48	2/	4.10
1982 3/							
1983 3/							
1984 3/							
1985 5/	3.62	4.19	3.33	4/	4/	5.99	5.03
1986	4.11	4.60	3.77	4/	4/	6.62	4.93
July							
1977	2.17	2.18	2.16	2/	2.78	4.37	2/
1978	2.46	2.55	2.13	2/	2/	2/	3.36
1979	2.65	2.70	2.50	2/	3.37	2/	2/
1980	2.73	2.75	2.68	2/	2/	2/	2/
1981 3/							
1982	3.35	3.56	2.98	4/	4/	4/	3.01
1983	3.30	3.20	3.50	4/	4/	6.00	4.00
1984	3.20	3.30	3.00	4/	4/	5.30	4.30
1985 5/	3.63	3.79	3.39	4/	4/	6.40	4.56
1986	4.06	4.31	3.61	4/	4/	2/	5.15
October							
1977	2.71	2.84	2.48	2.64	3.42	4.22	3.48
1978	4/	2.86	2.40	3.00	3.24	2/	3.36
1979	4/	3.00	2.35	3.00	3.25	2/	2/
1980	4/	3.35	3.31	2/	2/	2/	2/
1981 3/							
1982 3/							
1983 3/							
1984	3.66	4.04	2.92	4/	4/	2/	4.55
1985 5/	4.02	4.15	3.76	4/	4/	6.32	4.22
1986	4.32	4.66	3.77	4/	4/	6.88	5.01

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites.
2/ Insufficient data for this category.
3/ No survey conducted for July 1981, April 1982-84 and October 1981-83.
4/ Discontinued.
5/ Beginning with 1985 all information is for New York and New England combined.
NA - Not available.

AGRICULTURAL LABOR: Number of Workers and Hours Worked, April, July and October, 1977-1986 1/

Year	Number of Workers			Hours Worked Per Week		
	Total	Family 2/	Hired	Farm operator	All family	Hired workers
	Thousands			Hours		
April						
1977	98	66	32	44.2	41.2	37.1
1978	100	66	34	41.6	40.4	36.9
1979	97	72	25	44.4	39.1	37.1
1980	95	60	35	52.0	49.4	40.0
1981	97	60	37	51.6	49.0	43.3
1982 5/						
1983 5/						
1984 5/						
1985 6/	129	78	51	3/55.7	4/40.0	41.1
1986	120	69	51	3/57.4	4/36.5	39.7
July						
1977	116	73	43	46.6	44.3	40.5
1978	108	69	39	48.0	45.7	41.2
1979	117	72	45	52.6	49.4	39.0
1980	123	76	47	51.1	48.4	41.9
1981 5/						
1982	91	58	33	3/62.2	4/38.2	44.4
1983	91	51	40	3/65.4	4/49.0	38.1
1984	105	59	46	3/68.5	4/45.4	44.5
1985 6/	158	90	68	3/57.2	4/39.9	39.1
1986	137	67	70	3/64.1	4/43.6	38.4
October						
1977	108	70	38	46.2	43.8	39.8
1978	106	68	38	45.8	45.1	41.2
1979	102	57	45	44.0	44.2	37.5
1980	94	56	38	50.3	49.0	42.2
1981 5/						
1982 5/						
1983 5/						
1984	99	61	38	3/64.2	4/38.9	47.6
1985 6/	137	76	61	3/58.3	4/41.2	40.1
1986	125	61	64	3/64.1	4/47.0	39.9

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites.
2/ Includes household members working 15 hours or more per week without receiving cash wages. Starting July 1982 includes self-employed and unpaid workers.
3/ Hours worked by self-employed persons beginning in July 1982.
4/ Hours worked by unpaid workers beginning in July 1982.
5/ No survey conducted for July 1981, October 1981-83 and April 1982-84.
6/ Beginning with 1985 all information is for New York and New England combined.

COLD STORAGE CAPACITY: Refrigerated Space by Type of Warehouse and Total Capacity by Cities, October 1, 1985

Type of Refrigerated Warehouse	Storages	Gross Space			Usable Space		
		Cooler	Freezer	Total	Cooler	Freezer	Total
	Number	1,000 cu. ft.					
Refrigerated Space by Type of Warehouse 1/							
General Storages:							
Public	38	10,409	27,153	37,562	7,828	18,361	26,188
Private and Semi-Private	77	11,024	9,586	20,610	7,520	7,295	14,816
Apple Storages:							
Public	13	7,245	-	7,245	5,994	-	5,994
Private and Semi-Private	172	24,419	568	24,987	19,950	442	20,391
TOTAL	300	53,098	37,307	90,404	41,292	26,097	67,389
Refrigerated Storage Capacity in Cities 2/ 3/							
Albany-Schenectady-Troy, N.Y.	17	2,698	2,321	5,019	1,809	1,486	3,296
Buffalo, N.Y.	12	4,646	3,186	7,832	3,568	2,303	5,871
New York, N.Y.-N.J.	27	3,824	3,939	7,763	2,972	3,235	6,207
Rochester, N.Y.	40	11,902	15,448	27,351	9,558	11,806	21,364
Syracuse, N.Y.	12	1,655	6,419	8,074	1,379	2,590	3,969

1/ Totals may not add due to rounding.
2/ Standard metropolitan statistical areas defined by the Bureau of the Budget in 1964. Includes areas in and around city/cities names.
3/ Cities having 3 or more plants and at least 3 million cubic feet of usable piling space.

COLD STORAGE CAPACITY: Number of Refrigerated Warehouses and Gross Refrigerated Space, by Type, October 1, 1969-1985

Type of Refrigerated Warehouse	1969	1971	1973	1975	1977	1979	1981	1983	1985
Number of Refrigerated Warehouses									
General Storages:									
Public	75	58	49	49	48	45	42	43	38
Private and Semi-Private	131	132	113	90	81	97	78	86	77
Apple Storages:									
Public	18	15	12	12	10	13	16	14	13
Private and Semi-Private	188	172	167	162	156	189	178	172	172
TOTAL	412	377	341	313	295	344	314	315	300
Gross Refrigerated Space 1/	1,000 cu. ft.								
General Storages:									
Public	54,090	42,914	47,771	49,683	44,791	47,114	40,842	43,810	37,562
Private and Semi-Private	19,767	29,465	22,427	19,493	20,663	24,950	20,320	21,989	20,610
Apple Storages:									
Public	6,036	5,385	4,942	4,969	4,509	6,140	8,235	7,383	7,245
Private and Semi-Private	18,882	21,130	21,771	28,975	21,152	23,536	22,200	23,124	24,987
TOTAL	98,775	98,893	96,911	103,120	91,115	101,740	91,597	96,307	90,404

1/ Totals may not add due to rounding.

1986 CROP SEASON WEATHER

April was generally warm and dry. There were two periods of cold, winter-like weather, but they were outweighed by the warmer temperatures that prevailed during the rest of the month. The state was quite dry with the exception of heavy rains around mid-month over New York City and the southern Catskills.

Warmer than normal temperatures throughout the state continued into **May.** The statewide average temperature was 3 degrees above normal. Precipitation across the state was very uneven, although the average for the state as a whole was close to normal. Monthly totals ranged from less than an inch over Long Island to more than 5 inches over parts of the Catskills, eastern Adirondacks and upper Hudson Valley. The bulk of the precipitation fell during the week to 10 days just after mid-month, the remainder of the month was dry.

June was cool and wet. On a state-wide basis, June was more than 2 degrees cooler than normal while precipitation was more than 2 inches above normal. The only exception was New York City and Long Island, where the warm and dry weather that characterized the spring season continued into early summer.

Rainy weather continued into **July.** Almost all areas of the state received above normal precipitation. Temperatures in July were close to normal, except in the north, where temperatures averaged 1 to 3 degrees below normal. Several fronts moved into the state bringing heavy rainfall as the fronts became stationary. There were a few periods of hot weather, but generally, sunshine was scarce.

The first 10 days of **August** brought plenty of wild weather. Strong thunderstorms dealt hail, damaging winds and heavy rain. The weather calmed down during the rest of the month, as storms decreased in frequency and intensity. Monthly precipitation totals were mostly heavier than normal. The wettest part of the state was the central through northern Adirondacks. Temperatures remained close to normal for the first 27 days of the month, but the last four days were cold enough to drop monthly averages. There were no spells of really hot weather.

The pattern of cool and cloudy weather continued into **September.** The first three weeks of the month were cooler than normal, but the last week was highlighted by unseasonably warm weather. Average temperatures in the north were from 2 to 4 degrees below normal. There was a very distinct pattern of increasing monthly precipitation across the state from southeast to northwest. Most precipitation fell during the latter half of the month. Abnormally dry conditions persisted on Long Island.

October was a month of typical autumn weather. Average temperatures and precipitation were close to normal. Precipitation totals were drier than normal from the Champlain Valley through the Hudson Valley and coastal region. The heaviest rain fell in western New York. Much of the rain fell in the first week of the month. There were no widespread occurrences of severe weather; hurricane-producing portions of the Atlantic remained quiet and thunderstorms were scattered and not very intense.

TEMPERATURE: Departures From Normal by Months at Selected Stations, 1986

Station	April	May	June	July	August	September	October
				Degrees F.			
Albany	3.9	3.8	-2.1	- .1	-1.4	-1.1	-1.6
Batavia	3.1	3.0	-1.4	.2	-1.5	- .5	- .1
Binghamton	3.0	4.7	-1.9	- .4	-1.1	1.0	.2
Bridgehampton	1.3	2.7	.7	- .8	-2.4	-2.3	-1.0
Buffalo	2.4	3.6	-1.9	.4	-1.0	- .3	- .6
Canton	4.3	2.1	-3.0	-1.5	-2.5	-2.4	-1.5
Chazy	5.5	3.1	-3.2	-2.0	-2.2	-2.0	- .7
Cooperstown	2.6	3.4	-1.1	.1	-1.6	- .9	-1.1
Dansville	2.1	3.4	-2.7	-1.0	-2.9	-1.3	- .6
Elmira	1/	6.6	- .6	.6	- .8	.0	1.3
Fredonia	3.6	3.6	- .7	.6	-1.4	.3	- .8
Geneva	2.3	4.2	-1.8	-1.0	-2.9	-1.6	- .9
Glens Falls	4.5	3.6	-2.8	-1.0	-1.7	-2.4	-1.9
Gloversville	2.5	3.1	-2.7	- .7	-2.0	-3.0	-2.4
Ithaca	2.0	4.0	1/	- .6	-1.9	-1.3	- .7
Liberty	1.7	3.9	-1.4	1.2	- .8	-1.2	.6
Little Valley	2.2	3.6	-1.0	.7	-1.6	.1	.5
Lowville	3.2	1.9	-3.9	-2.2	-2.9	-2.7	-2.7
Massena	4.4	1.3	-3.8	-2.6	-2.3	-2.1	-1.7
New York City	1.2	3.7	.5	- .3	-1.9	- .3	.5
Poughkeepsie	.6	2.9	-2.6	-2.0	-2.9	-1.3	-1.4
Riverhead	1.5	3.3	1.5	.7	-1.2	- .2	1.3
Rochester	1.9	2.9	-3.4	-1.5	-3.8	-2.4	-1.8
Syracuse	3.1	4.0	-2.0	.1	-2.5	-1.6	-1.6
Utica	3.1	3.8	-2.9	-1.2	-2.6	-2.0	-1.9
Watertown	4.2	3.0	-2.2	- .3	-1.4	-2.0	-1.1

PRECIPITATION: Departures From Normal by Months at Selected Stations, 1986

Station	April	May	June	July	August	September	October	Season Departures Apr.-Oct.
				Inches				
Albany	-1.45	- .20	2.14	3.68	.75	- .62	- .81	3.49
Batavia	.67	-1.24	.99	2.29	-1.42	.09	1.76	3.14
Binghamton	- .08	.03	1.20	3.88	- .34	- .05	- .55	4.09
Bridgehampton	-1.86	-2.91	.50	2.62	- .42	-2.50	- .36	-4.93
Buffalo	.27	1.53	1.43	- .14	-1.43	.51	1.41	3.60
Canton	-1.87	- .63	3.64	3.04	1.93	2.56	.08	8.75
Chazy	-2.15	.96	1.23	1.44	3.49	.50	- .69	4.78
Cooperstown	-1.57	.37	.50	1.97	1.47	- .18	.38	2.94
Dansville	.19	- .59	1.15	3.04	.50	-1.10	.59	3.78
Elmira	1/	1/	1.63	2.90	- .22	- .90	- .41	1/
Fredonia	.13	1.16	3.26	4.08	2.03	.84	3.05	14.55
Geneva	.54	- .55	2.86	3.34	- .64	.17	.37	6.09
Glens Falls	-1.45	2.50	2.10	1.07	- .26	- .16	-1.24	2.56
Gloversville	-1.59	1.82	2.63	2.39	.53	.72	- .50	6.00
Ithaca	.23	- .53	1/	1.89	1.09	-1.25	.27	1/
Liberty	- .15	.80	3.76	2.04	-1.37	-2.06	.81	3.83
Little Valley	.09	-1.45	2.72	1.02	- .16	1.59	1.68	5.49
Lowville	-1.67	- .61	.48	2.60	- .24	.52	.45	1.53
Massena	-2.06	- .16	1.59	4.20	1.48	1.65	1.28	7.98
New York City	- .11	-2.01	-1.72	.23	.28	-1.64	-1.53	-6.50
Poughkeepsie	-1.98	-1.52	2.44	5.50	- .93	3.20	- .79	- .48
Riverhead	-1.66	-2.62	.51	.87	.70	-2.52	-1.11	-5.83
Rochester	1.16	- .94	1.49	.65	.09	2.45	1.02	5.92
Syracuse	.08	- .49	1.26	1.47	- .41	2.18	.18	4.27
Utica	- .86	- .51	1.83	1.78	1.26	1.92	.67	6.09
Watertown	-1.27	- .85	3.59	.56	.31	2.20	.94	5.48

1/ Data not available.

Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

TEMPERATURE: Monthly Average Temperatures at Selected Stations, 1986

Station	April	May	June	July	August	September	October
				Degrees F.			
Albany	50.5	61.3	64.6	71.3	67.8	60.1	48.9
Batavia	48.9	59.8	64.8	70.4	67.0	61.3	51.3
Binghampton	47.3	59.9	62.4	68.5	66.1	60.8	49.3
Bridgehampton	48.2	58.7	66.2	70.7	68.6	62.1	53.6
Buffalo	47.8	59.7	64.1	71.1	67.9	61.8	50.9
Canton	47.1	56.5	61.0	67.1	64.1	56.4	46.4
Chazy	48.5	58.5	61.8	67.6	65.1	56.8	47.3
Cooperstown	46.5	58.1	62.3	67.9	64.6	58.2	47.7
Dansville	48.1	60.1	63.6	69.7	66.2	60.9	51.0
Elmira	1/	62.4	64.6	70.4	67.2	60.7	51.0
Fredonia	50.1	60.7	66.2	71.7	68.3	64.1	52.7
Geneva	47.7	60.1	63.9	69.5	66.1	60.2	50.0
Glens Falls	49.3	59.5	62.2	68.7	65.8	57.0	46.4
Gloversville	47.6	59.4	62.4	68.8	65.7	57.1	47.0
Ithaca	46.5	58.5	1/	68.2	65.2	58.9	48.9
Liberty	45.7	58.0	61.4	68.5	65.0	57.4	48.9
Little Valley	44.9	56.5	61.2	67.1	63.4	58.6	48.5
Lowville	46.0	56.8	59.9	65.8	63.1	56.0	45.6
Massena	47.2	56.7	60.7	66.5	64.5	56.5	46.0
New York City	53.1	65.4	71.5	76.1	73.4	67.9	58.0
Poughkeepsie	48.6	61.2	64.9	70.4	67.7	61.4	50.1
Riverhead	50.4	62.5	69.6	74.0	71.3	65.9	57.2
Rochester	47.9	59.8	63.3	69.8	65.7	59.8	49.9
Syracuse	49.2	61.0	64.3	71.0	66.8	60.5	49.7
Utica	47.7	59.5	62.2	68.6	65.5	58.4	47.5
Watertown	48.3	58.5	63.0	69.9	67.1	58.8	48.6

PRECIPITATION: Monthly Precipitation at Selected Stations, 1986

Station	April	May	June	July	August	September	October
				Inches			
Albany	1.49	3.11	5.43	6.68	4.09	2.61	2.12
Batavia	4.07	1.99	4.27	5.13	2.53	3.34	4.66
Binghampton	2.99	3.22	4.80	7.36	3.01	3.27	2.45
Bridgehampton	1.80	.72	3.14	5.37	3.83	1.03	3.33
Buffalo	3.33	4.42	4.15	2.82	2.73	3.88	4.34
Canton	1.05	2.55	6.73	6.41	5.81	6.21	3.21
Chazy	.36	3.76	4.36	4.63	7.05	3.66	2.31
Cooperstown	1.80	3.87	4.39	5.62	4.86	3.48	3.51
Dansville	3.00	2.29	4.81	5.93	3.67	1.89	3.23
Elmira	1/	1/	4.97	6.13	2.81	2.17	2.41
Fredonia	3.32	4.08	6.62	7.05	5.83	5.23	6.72
Geneva	3.39	2.30	6.32	6.22	2.48	3.08	3.39
Glens Falls	1.65	5.55	5.24	4.07	2.88	2.87	1.62
Gloversville	2.01	5.62	6.46	6.26	4.11	4.55	2.80
Ithaca	3.03	2.52	1/	5.43	4.47	2.13	3.36
Liberty	4.38	4.80	8.03	6.19	3.26	2.00	4.69
Little Valley	4.22	2.30	7.08	4.67	4.05	5.98	5.47
Lowville	1.50	2.65	3.75	6.02	3.19	4.05	3.76
Massena	.61	2.44	4.45	7.18	4.88	4.97	3.90
New York City	3.65	1.45	1.43	3.90	4.60	1.84	1.71
Poughkeepsie	1.68	2.10	5.87	9.00	2.84	.46	2.51
Riverhead	2.08	.91	3.41	4.07	4.87	1.08	2.45
Rochester	3.80	1.64	4.27	3.13	3.29	5.11	3.56
Syracuse	3.42	2.67	4.89	5.23	3.36	5.47	3.32
Utica	2.63	3.09	5.58	5.96	4.85	5.67	4.04
Watertown	1.90	2.45	6.76	3.58	4.09	6.13	4.40

1/ Data not available.

Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

SOIL TEMPERATURE: Average Monthly Soil Temperatures at Selected Stations, April-October 1986

Region and Station	April	May	June	July	August	September	October
				Degrees F.			
HUDSON VALLEY							
VALATIE							
4" Max.	51.9	65.6	1/	76.2	73.9	64.2	55.3
4" Min.	45.8	58.0	1/	70.0	68.7	60.1	51.0
8" Max.	51.0	64.2	1/	74.5	73.6	60.5	51.8
8" Min.	46.4	59.2	1/	70.9	70.3	64.9	56.5
ST. LAWRENCE VALLEY							
CANTON							
4" Max.	48.1	59.5	66.0	70.9	70.7	62.5	53.8
4" Min.	41.8	53.8	60.0	65.3	65.9	58.7	50.4
8" Max.	44.9	55.2	62.6	67.7	68.0	60.7	52.6
8" Min.	42.4	53.6	60.5	66.1	66.7	59.4	51.3
CENTRAL LAKES							
GENEVA							
Bare Ground							
2" Max.	64.8	81.3	82.2	79.4	77.3	70.0	56.9
2" Min.	43.7	55.7	59.2	65.6	63.7	58.1	47.3
4" Max.	55.9	70.8	74.0	75.2	73.7	67.2	55.4
4" Min.	44.9	56.6	60.3	66.0	64.3	58.5	47.9
8" Max.	51.5	65.0	69.5	72.5	71.3	65.2	54.8
8" Min.	44.6	56.8	61.6	67.2	66.6	60.5	50.4
Sod							
2" Max.	50.7	63.1	71.8	76.3	73.6	65.9	56.1
2" Min.	45.9	55.8	62.7	67.6	66.2	60.0	52.7
4" Max.	50.3	63.1	70.8	74.4	72.0	64.7	55.5
4" Min.	44.5	55.7	63.6	68.3	66.8	60.1	51.9
8" Max.	48.8	59.4	67.1	71.1	69.8	63.2	55.7
8" Min.	47.1	56.8	64.7	69.1	68.3	61.8	54.5
ITHACA							
4" Max.	52.3	63.3	1/	76.1	74.7	66.9	58.5
4" Min.	47.0	57.5	1/	70.2	69.6	62.3	54.2
8" Max.	50.2	60.9	1/	73.8	73.2	66.1	58.5
8" Min.	48.6	58.8	1/	71.6	71.5	64.6	57.4

1/ Data not available.

Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

HEATING DEGREE DAYS: Selected Stations, April-October 1986

Station	April	May	June	July	August	September	October
Albany	432	154	75	17	46	173	495
Batavia	479	195	77	9	50	143	419
Binghampton	522	191	116	29	58	154	480
Bridgehampton	499	229	38	6	32	119	362
Buffalo	519	197	80	4	42	137	430
Canton	531	263	149	55	87	264	570
Chazy	493	220	123	38	66	255	543
Cooperstown	549	219	115	37	76	214	528
Dansville	508	197	100	14	62	161	433
Elmira	1/	138	77	15	46	160	438
Fredonia	451	179	57	1	36	96	374
Geneva	519	203	87	23	54	163	462
Glens Falls	468	194	113	40	64	252	572
Gloversville	515	205	104	35	69	232	556
Ithaca	551	217	1/	44	72	198	500
Liberty	568	242	130	35	76	228	500
Little Valley	600	272	145	45	100	219	507
Lowville	564	258	163	76	102	273	596
Massena	526	264	150	58	67	262	582
New York City	350	118	12	0	9	25	235
Poughkeepsie	488	170	72	20	40	146	465
Riverhead	431	150	14	1	13	43	258
Rochester	506	206	100	16	62	175	462
Syracuse	471	172	76	12	50	155	468
Utica	510	193	115	36	70	209	536
Watertown	501	230	101	22	54	201	503

1/ Data not available.
Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

FERTILIZER: Consumption by Kind, Years Ended June 30, 1977-1986 1/

Kind of fertilizer	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
					1,000 tons					
TOTAL FERTILIZER, ALL KINDS	605.3	590.7	685.6	663.6	655.9	621.7	605.0	654.7	707.3	581.9
SINGLE NUTRIENT FERTILIZERS, TOTAL	131.5	125.3	246.4	217.7	194.4	169.9	181.5	219.9	232.3	157.6
NITROGEN MATERIALS, TOTAL	89.7	84.4	154.2	148.6	117.8	103.1	88.6	110.9	120.1	66.6
Anhydrous ammonia	9.0	8.5	11.8	15.2	14.4	13.5	9.4	10.4	16.2	9.4
Nitrogen solutions	44.3	41.3	46.9	54.1	61.5	54.2	40.8	47.5	58.0	32.5
Urea	20.4	21.5	35.3	18.5	22.2	19.9	20.8	28.6	27.0	3.5
Ammonium nitrate	11.6	8.3	13.4	7.6	12.6	10.5	13.5	16.9	13.0	10.1
Ammonium sulfate	2.1	2.4	1.0	2.6	4.7	1.7	1.7	1.8	2.9	2.1
Sodium nitrate	.9	.8	1.1	.9	.8	.6	.5	.2	.2	2.2
Other nitrogen materials	1.5	1.7	44.8	49.8	1.6	2.7	2.0	5.4	2.8	6.8
PHOSPHATE MATERIALS, TOTAL	13.7	8.7	36.5	31.9	27.5	24.4	40.5	39.0	10.3	6.4
Superphosphates, 22% & Under	1.2	.9	1.8	.4	.8	.4	.5	1.6	.2	.3
Over 22%	10.1	6.7	9.6	8.5	7.3	6.6	10.3	24.1	9.4	5.3
Other phosphates	2.4	1.1	25.1	23.0	19.4	17.4	29.7	13.3	.7	.8
POTASH MATERIALS, TOTAL	28.1	32.2	55.7	37.2	49.1	42.4	52.4	70.0	101.9	84.6
MULTIPLE-NUTRIENT FERTILIZERS, TOTAL	457.9	451.3	429.9	430.7	443.9	432.7	405.1	416.4	447.3	408.7
SECONDARY AND MICRONUTRIENTS, TOTAL	3.2	1.0	1.1	1.8	2.3	4.4	4.2	4.7	4.7	3.5
NATURAL ORGANICS, TOTAL	12.7	13.0	8.7	13.3	15.3	14.7	14.3	13.7	23.0	12.1

FERTILIZER: Consumption of Primary Plant Nutrients, Years Ended June 30, 1977-1986 1/

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P_2O_5	K_2O	Total	N	Available P_2O_5	K_2O	Total
				1,000 tons				
1977	50.4	72.7	65.7	188.8	86.8	78.5	81.4	246.6
1978	50.1	73.2	66.0	189.3	84.4	76.8	83.9	245.2
1979	45.2	68.6	62.9	176.7	107.8	90.1	94.7	292.6
1980	46.7	68.0	63.7	178.4	108.7	80.2	84.1	273.1
1981	43.0	70.2	65.7	178.9	92.9	81.3	93.1	267.3
1982	47.1	67.8	63.1	177.9	90.7	75.9	87.7	254.2
1983	44.6	61.2	58.0	163.8	82.1	78.4	88.4	248.9
1984	47.6	68.8	60.5	176.9	92.3	85.0	101.2	104.0
1985	49.6	73.7	59.1	182.4	97.2	78.2	107.0	282.3
1986	46.8	67.8	55.6	170.2	70.9	70.4	104.2	245.5

1/ May not add due to rounding. Beginning with 1985 these data were compiled by the Tennessee Valley Authority (TVA), Economics and Marketing Staff from reports provided by State regulatory officials. Data for years prior to 1985 were compiled from the same sources by the National Agricultural Statistics Service (NASS), U.S.D.A.

POPULATION: Resident Population, July 1, New York and United States, 1977-1986

Year	New York	United States	Year	New York	United States
	Thousands			Thousands	
1977	17,851	219,760	1982	17,569	231,996
1978	17,720	222,095	1983	17,660	234,284
1979	17,634	224,567	1984	17,713	236,477
1980	1/17,558	227,255	1985	17,746	238,741
1981	17,557	229,637	1986	17,772	241,078

Source: Bureau of Census, U.S. Department of Commerce.
1/ Census count on April 1.

PER CAPITA CONSUMPTION: Selected Commodities, United States, 1976-1985

Commodity	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
					Pounds					
VEGETABLES 1/										
Carrots, Fresh	6.4	5.1	5.6	6.4	7.0	7.1	7.3	7.5	8.0	7.6
Processed	3.2	4.0	3.8	3.9	2.9	3.2	3.6	3.3	3.5	3.3
Cauliflower, Fresh	1.0	1.1	.9	1.3	1.3	1.6	1.6	1.7	2.2	2.2
Processed	.6	.7	.8	.7	.8	.9	.9	.9	1.0	.9
Celery, Fresh	7.4	7.0	7.3	7.4	7.8	7.7	7.8	7.4	7.5	7.4
Green peas, Processed 2/	4.5	4.1	3.7	6.1	4.2	3.9	3.0	3.6	5.0	4.7
Lettuce	24.2	25.8	25.6	25.9	26.8	25.7	25.7	25.6	26.0	25.5
Onions 3/	15.2	15.7	15.8	17.2	14.3	14.1	18.2	16.7	18.2	19.4
Potatoes, Fresh	56.8	51.5	54.3	41.8	38.3	53.2	52.9	44.8	53.2	64.1
Processed	73.6	72.3	72.7	70.0	64.4	66.8	69.1	68.5	71.6	73.3
Snap beans, Processed	4.4	6.3	6.5	7.3	5.4	5.4	4.9	4.9	6.6	6.4
Sweet Corn, Fresh	8.2	7.8	7.4	7.3	7.3	7.2	7.2	7.4	7.7	7.7
Processed	20.3	20.9	21.0	20.4	17.4	19.1	22.1	17.4	20.1	20.8
Tomatoes, Fresh	12.6	12.4	13.2	12.8	13.4	13.2	13.4	13.7	15.3	15.8
Processed	63.4	56.8	59.0	64.3	65.4	68.4	63.4	60.4	69.2	62.0
FRUITS 4/										
Apples, Fresh	17.1	16.9	17.5	17.5	19.0	16.8	17.9	18.4	18.3	18.1
Processed	6.2	6.4	7.4	8.2	7.6	9.0	9.8	N/A	N/A	N/A
Peaches, Fresh	5.2	5.1	5.0	5.5	5.7	5.6	4.0	4.1	5.4	4.0
Processed	5.1	5.3	4.5	4.2	4.2	3.8	3.9	3.8	3.5	3.[illegible]
Pears, Fresh	2.6	2.6	2.2	2.5	2.5	2.8	3.0	2.8	2.8	2.8
Canned	2.1	2.2	1.8	1.8	1.8	1.6	1.9	1.8	1.6	1.3
Cherries, Fresh	.8	.6	.6	.7	.7	.6	.5	.8	.7	.4
Processed	1.3	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.1	1.2
Grapes, Fresh	3.3	3.1	3.0	3.6	3.7	3.8	5.3	5.4	5.7	6.9
Canned juice	.6	.5	.9	.6	.7	.7	.6	.9	.8	.5
Wine, Gallons (per adult)	2.71	2.83	3.01	3.01	3.20	3.30	3.29	3.32	3.[illegible]	3.52
Strawberries, Fresh	1.7	1.9	2.2	1.9	2.0	2.3	2.5	2.4	3.1	3.1
Processed	1.3	1.2	1.4	1.1	1.4	1.3	1.2	1.2	[illegible].2	[illegible].3
MEATS 5/										
Beef	94.4	91.8	87.2	78.0	76.5	77.1	77.2	78.6	78.5	79.1
Veal	3.3	3.2	2.4	1.7	1.5	1.6	1.7	1.6	1.8	1.8
Lamb and mutton	1.6	1.5	1.4	1.3	1.4	1.4	1.5	1.5	1.5	1.4
Pork	53.7	55.8	55.9	63.8	68.3	65.0	59.0	62.2	61.8	62.0
DAIRY PRODUCTS 6/										
American cheese	9.0	9.3	9.6	9.6	9.7	10.3	11.4	11.7	11.9	12.2
Italian cheese	3.6	3.8	4.1	4.3	4.5	4.5	4.9	5.3	5.8	6.3
Total cheese 7/	15.7	16.1	17.0	17.2	17.6	18.4	20.1	20.6	21.6	22.4
Cottage cheese	4.7	4.7	4.7	4.5	4.5	4.4	4.3	4.2	4.2	4.1
Ice cream	17.9	17.5	17.4	17.1	17.1	17.2	17.5	17.9	18.0	18.0
Ice milk	7.3	7.8	7.7	7.3	7.2	7.0	6.7	7.0	7.0	7.0
Butter	4.3	4.3	4.4	4.5	4.5	4.3	4.9	4.9	4.9	4.9
Whole milk 8/	172	164	159	152	145	139	134	130	126	123
Lowfat and skim 8/	82	87	90	93	96	98	100	103	107	113
POULTRY PRODUCTS										
Chickens 5/	42.7	44.1	46.7	50.6	50.1	51.7	53.1	53.8	55.7	57.4
Turkey 5/	9.1	9.1	9.2	9.9	10.5	10.8	10.8	11.3	11.4	11.9
Eggs, number	270	267	272	278	272	266	265	261	261	255

1/ Farm weight basis. 2/ In-shell basis. 3/ Includes California production for processing which accounts for about one-third of total. 4/ Fresh fruits on farm weight basis. Processed categories are on product weight basis. 5/ Retail weight basis. 6/ Product weight basis unless otherwise noted. 7/ Excludes cottage cheese. 8/ Commercial sales.

FARM REAL ESTATE VALUES: Average Value Per Acre of Land and Buildings, by State, 1978-1987 1/

Region and State	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
					Dollars					
Northeast										
Maine	464	538	594	642	680	708	750	856	993	1,082
New Hampshire	787	919	1,004	1,078	1,136	1,174	1,244	1,419	1,646	1,794
Vermont	584	660	721	774	815	842	893	1,017	1,180	1,286
Massachusetts	1,261	1,443	1,608	1,752	1,874	1,963	2,081	2,372	2,752	2,999
Rhode Island	2,045	2,370	2,523	2,646	2,729	2,760	2,926	3,335	3,869	4,217
Connecticut	1,960	2,227	2,387	2,517	2,610	2,655	2,814	3,208	3,721	4,056
New York	600	670	720	773	821	817	842	808	824	931
New Jersey	2,386	2,701	2,947	3,040	3,181	3,140	3,234	3,525	3,913	5,321
Pennsylvania	1,115	1,273	1,464	1,568	1,513	1,520	1,642	1,510	1,450	1,725
Delaware	1,350	1,500	1,798	1,928	1,787	1,829	1,866	1,642	1,757	1,775
Maryland	1,579	1,800	2,238	2,530	2,376	2,121	2,185	2,097	1,887	1,831
Lake States										
Michigan	877	975	1,111	1,289	1,278	1,223	1,223	1,052	936	833
Wisconsin	718	856	1,004	1,152	1,144	1,113	1,046	847	711	626
Minnesota	761	90[illegible]	1,086	1,281	1,272	1,165	1,083	823	609	493
Corn Belt										
Ohio	1,224	1,483	1,730	1,831	1,629	1,504	1,444	1,126	1,013	942
Indiana	1,357	1,589	1,863	2,031	1,804	1,610	1,594	1,259	1,058	931
Illinois	1,625	1,858	2,041	2,188	2,023	1,837	1,800	1,314	1,143	1,040
Iowa	1,331	1,550	1,846	1,999	1,889	1,684	1,499	1,064	841	748
Missouri	641	726	902	990	945	856	856	659	606	552
Northern Plains										
North Dakota	300	347	405	436	455	439	439	360	317	282
South Dakota	227	256	292	329	349	348	338	250	215	178
Nebraska	412	525	635	729	730	701	617	444	364	335
Kansas	418	501	587	619	628	601	583	466	387	340
Appalachian										
Virginia	774	930	1,028	1,118	1,096	1,125	1,114	1,091	1,146	1,111
West Virginia	459	592	669	681	723	688	667	554	537	527
North Carolina	830	1,051	1,219	1,340	1,297	1,314	1,380	1,242	1,130	1,096
Kentucky	715	861	976	1,033	1,058	1,049	1,007	906	870	791
Tennessee	736	860	976	1,070	1,040	1,014	1,044	982	992	1,012
Southeast										
South Carolina	653	773	900	972	980	946	927	899	872	794
Georgia	685	777	896	971	926	929	910	865	822	846
Florida	981	1,149	1,381	1,565	1,518	1,576	1,608	1,527	1,435	1,464
Alabama	527	639	780	910	885	826	809	769	761	731
Delta States										
Mississippi	567	681	819	1,034	981	894	939	835	752	654
Arkansas	606	770	918	1,056	1,096	972	933	849	705	634
Louisiana	818	1,001	1,256	1,454	1,414	1,351	1,351	1,256	1,005	734
Southern Plains										
Oklahoma	450	512	614	681	725	699	699	566	481	428
Texas	337	386	436	468	539	544	593	652	541	482
Mountain States										
Montana	176	196	235	251	271	259	264	222	204	167
Idaho	515	585	698	774	839	814	814	749	664	567
Wyoming	121	144	161	180	193	193	197	177	154	151
Colorado	273	322	387	434	451	454	468	435	357	364
New Mexico	112	143	185	192	195	178	182	163	134	122
Arizona	154	199	267	287	302	289	295	265	231	242
Utah	308	400	530	567	589	560	571	514	478	454
Nevada	140	191	248	262	268	249	254	229	199	211
Pacific States										
Washington	602	692	736	877	922	933	961	923	812	723
Oregon	414	504	587	668	705	705	698	579	521	479
California	914	1,186	1,424	1,732	1,900	1,918	1,918	1,726	1,571	1,366
48 States	531	628	737	819	823	788	782	679	595	548

1/ Grouped by farm production region, February 1, 1978-81; April 1, 1982-85; and February 1, 1986-87.

Source: Economic Research Service, USDA. These values are based on annual surveys conducted by USDA and benchmark data obtained from the Census of Agriculture.

New York State
Counties

COUNTY ESTIMATES

County estimates are compiled and published annually by the New York Agricultural Statistics Service for a number of crops, livestock, and farm land use categories. Acreage, yield, and production estimates are made for corn, oats, wheat, and hay. Livestock estimates include the January 1 inventory of cattle, beef cows, and milk cows on farms, plus the annual average number of milk cows, annual production per cow, and total milk production by counties. County estimates of farmland, in addition to the number of farms and total land in farms, include a breakout of cropland, permanent pasture, and woodland acreage.

Several important sources of information provide the basis for these annual county estimates. Preliminary estimates of crops, farm land use, and livestock numbers are developed from a large scale survey at the end of each year in which over 15,000 farmers across the state are contacted. Acreage information from the Agricultural Stabilization and Conservation Service also receives consideration in preparing several crop estimates. Annual milk production per cow is based largely on the combined results of milk production surveys conducted monthly throughout the year. Also, state and federal milk marketing order data by counties are used in developing a balance between cow numbers, rates of production, and total milk produced.

Revisions, if necessary, are made after a thorough review of the original estimates, taking into consideration data that become available after the original estimates are prepared. These sources include a wide range of administrative type data, plus tabulatons compiled by the Census of Agriculture, and final summaries of milk marketing receipts. The Census of Agriculture, collected and published every five years by the U.S. Department of Commerce, does not make allowances for incompleteness. For this reason census numbers are generally lower than data published in this bulletin.

County estimates set by the New York Agricultural Statistics Service are rarely identical with county totals from other sources. The estimates in this publication include allowances or expansions for farmers not sampled, non-respondents, inaccessibles, and refusals. Milk production totals that exceed reported marketings include a small quantity of milk being used on farms where produced. All county level estimates do add to state level data shown elsewhere in this bulletin.

FARMLAND: Farms, Land in Farms and Land Use, by Counties, 1985 5/

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	520	80,800	48,800	7,400	18,500	6,100
Allegany	920	207,800	108,800	17,300	60,300	21,400
Broome	645	125,700	65,900	16,800	30,600	12,400
Cattaraugus	1,290	259,200	139,700	32,900	67,100	19,500
Cayuga	1,210	280,300	213,800	8,600	34,200	23,700
Chautauqua	2,210	294,400	170,200	29,800	68,000	26,400
Chemung	390	70,200	35,100	5,700	24,000	5,400
Chenango	1,075	234,600	113,900	36,200	66,100	17,800
Clinton	725	196,400	96,700	29,300	71,300	7,100
Columbia	580	145,000	85,800	11,200	33,800	14,200
Cortland	640	179,000	91,900	32,500	42,800	11,800
Delaware	1,090	291,000	130,700	43,800	100,000	16,500
Dutchess	640	130,200	71,100	12,700	29,300	17,100
Erie	1,410	187,900	139,800	10,600	24,800	12,700
Essex	240	63,800	31,700	2,600	25,100	4,400
Franklin	625	168,800	96,700	19,900	41,300	10,900
Fulton	220	38,600	21,100	2,100	11,900	3,500
Genesee	800	191,700	153,400	4,900	18,500	14,900
Greene	305	58,400	26,100	8,600	19,800	3,900
Herkimer	840	192,600	119,600	29,800	31,700	11,500
Jefferson	1,350	379,600	230,600	45,500	61,900	41,600
Lewis	830	203,500	118,800	20,600	44,900	19,200
Livingston	865	245,700	185,900	10,300	33,600	15,900
Madison	935	239,600	141,700	34,300	41,500	22,100
Monroe	860	149,100	124,600	3,500	9,200	11,800
Montgomery	685	161,300	120,700	12,200	18,300	10,100
Nassau	105	2,000	1,000	600	200	200
Niagara	1,175	154,100	129,500	2,000	10,500	12,300
Oneida	1,385	294,300	178,100	33,300	59,000	23,900
Onondaga	890	185,300	130,400	13,000	24,500	17,400
Ontario	1,015	221,000	173,600	9,400	19,700	18,300
Orange	905	118,600	85,200	9,300	14,300	9,800
Orleans	685	153,800	126,200	2,300	13,200	12,100
Oswego	830	130,200	76,400	8,100	32,600	13,100
Otsego	1,180	276,500	139,000	37,600	77,900	22,000
Putnam	60	10,600	5,200	600	4,000	800
Rensselaer	615	118,000	70,300	7,300	29,600	10,800
Rockland	40	1,500	1,100	-	200	200
St. Lawrence	1,885	494,500	262,600	63,600	128,900	39,400
Saratoga	630	95,200	56,300	6,300	22,700	9,900
Schenectady	220	23,200	14,500	2,300	4,500	1,900
Schoharie	680	150,300	89,300	13,400	39,000	8,600
Schuyler	420	74,700	40,300	10,400	16,500	7,500
Seneca	540	125,400	102,900	2,000	12,000	8,500
Steuben	1,585	409,000	240,000	35,400	100,500	33,100
Suffolk	830	46,800	37,500	1,900	2,600	4,800
Sullivan	455	69,400	34,000	6,300	25,200	3,900
Tioga	670	136,600	71,200	21,100	34,000	10,300
Tompkins	580	116,600	76,200	7,700	23,500	9,200
Ulster	595	86,400	52,100	5,500	19,800	9,000
Warren	85	10,300	3,600	500	5,300	900
Washington	985	245,700	159,600	24,100	50,500	11,500
Wayne	1,305	215,300	156,900	8,500	32,100	17,800
Westchester	155	9,100	4,700	700	2,800	900
Wyoming	950	240,800	161,000	17,500	40,800	21,500
Yates	645	110,200	78,400	3,200	20,100	8,500
TOTAL	44,000	9,100,000	5,640,000	835,000	1,895,000	730,000

1/ Includes cropland pastured. 2/ Excludes cropland and woodland pastured.
3/ Includes woodland pastured. 4/ Land in house lots, ponds, roads, wasteland, etc.
5/ Revised.

FARMLAND: Farms, Land in Farms and Land Use, by Counties, 1986

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	505	74,700	45,300	6,900	17,500	5,000
Allegany	890	204,600	108,100	16,300	61,000	19,200
Broome	630	119,000	61,700	15,700	31,300	10,300
Cattaraugus	1,210	248,100	136,200	31,900	62,800	17,200
Cayuga	1,130	267,300	206,300	8,200	32,500	20,300
Chautauqua	2,125	282,100	161,400	29,800	65,900	25,000
Chemung	375	65,000	34,500	4,900	20,500	5,100
Chenango	1,010	224,600	109,100	34,800	64,100	16,600
Clinton	700	188,200	90,700	19,700	71,300	6,500
Columbia	585	138,300	83,600	10,500	31,400	12,800
Cortland	605	169,000	87,600	29,000	41,600	10,800
Delaware	1,085	278,600	129,200	42,100	92,400	14,900
Dutchess	630	125,200	69,500	10,800	29,500	15,400
Erie	1,345	177,600	134,200	9,500	23,500	10,400
Essex	240	59,500	30,000	1,900	23,700	3,900
Franklin	610	161,500	93,500	18,000	40,500	9,500
Fulton	215	35,600	20,700	1,900	10,000	3,000
Genesee	745	185,800	151,100	4,600	17,500	12,600
Greene	295	54,400	25,200	7,600	18,100	3,500
Herkimer	795	182,500	113,000	26,000	33,300	10,200
Jefferson	1,255	365,400	221,200	46,500	60,400	37,300
Lewis	775	201,300	116,200	19,000	44,300	21,800
Livingston	815	233,800	178,300	9,300	32,600	13,600
Madison	890	230,200	138,000	31,800	40,400	20,000
Monroe	805	144,500	121,600	3,700	8,400	10,800
Montgomery	655	156,600	118,300	10,800	19,400	8,100
Nassau	100	1,900	1,000	500	200	200
Niagara	1,095	147,700	126,100	2,500	8,600	10,500
Oneida	1,335	286,200	174,000	32,200	58,900	21,100
Onondaga	840	176,500	128,100	10,700	22,000	15,700
Ontario	960	212,800	171,800	8,400	17,600	15,000
Orange	880	111,900	78,900	9,900	13,700	9,400
Orleans	645	145,700	122,000	1,800	11,700	10,200
Oswego	815	123,700	72,900	8,500	30,800	11,500
Otsego	1,125	261,700	134,000	37,600	70,300	19,800
Putnam	55	10,200	4,900	500	4,000	800
Rensselaer	590	116,500	69,100	8,400	30,200	8,800
Rockland	40	1,500	1,100	-	200	200
St. Lawrence	1,800	472,300	249,900	60,300	120,800	41,300
Saratoga	585	89,100	56,800	5,000	18,800	8,500
Schenectady	210	22,000	13,800	2,200	4,500	1,500
Schoharie	655	140,500	84,300	13,000	35,600	7,600
Schuyler	420	68,600	38,000	9,000	14,700	6,900
Seneca	505	119,600	99,000	1,800	11,300	7,500
Steuben	1,515	393,600	233,000	33,600	96,200	30,800
Suffolk	795	43,900	35,400	1,500	2,400	4,600
Sullivan	450	65,200	32,300	6,600	22,900	3,400
Tioga	645	133,600	70,800	19,600	33,900	9,300
Tompkins	565	112,800	76,000	6,300	22,100	8,400
Ulster	565	79,400	50,000	4,600	16,800	8,000
Warren	75	9,400	3,600	400	4,600	800
Washington	940	229,300	150,000	22,700	47,800	8,800
Wayne	1,230	206,500	154,800	7,100	28,500	16,100
Westchester	155	8,400	4,300	700	2,500	900
Wyoming	905	232,000	156,300	15,600	39,600	20,500
Yates	615	104,100	73,300	2,800	19,900	8,100
TOTAL	42,000	8,700,000	5,450,000	785,000	1,805,000	660,000

1/ Includes cropland pastured.
2/ Excludes cropland and woodland pastured.
3/ Includes woodland pastured.
4/ Land in house lots, ponds, roads, wasteland, etc.

HAY: Acreage, Yield, and Production, by Counties, 1985 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	10,500	2.6	27,300	17,000	1.7	28,900	27,500	2.0	56,200
Allegany	14,500	2.6	37,700	46,000	1.9	87,400	60,500	2.1	125,100
Broome	8,000	2.3	18,400	28,000	1.8	50,400	36,000	1.9	68,800
Cattaraugus	27,000	3.3	89,100	42,000	2.3	96,600	69,000	2.7	185,700
Cayuga	38,000	3.0	114,000	15,000	2.3	34,500	53,000	2.8	148,500
Chautauqua	19,000	2.9	55,100	58,000	2.2	127,600	77,000	2.4	182,700
Chemung	8,000	2.4	19,200	10,000	1.8	18,000	18,000	2.1	37,200
Chenango	21,000	2.5	52,500	51,000	2.0	102,000	72,000	2.1	154,500
Clinton	22,000	2.9	63,800	30,000	2.1	63,000	52,000	2.4	126,800
Columbia	17,000	2.7	45,900	18,000	2.0	36,000	35,000	2.3	81,900
Cortland	17,000	2.8	47,600	19,000	2.1	39,900	36,000	2.4	87,500
Delaware	18,000	3.0	54,000	61,000	2.1	128,100	79,000	2.3	182,100
Dutchess	16,000	2.8	44,800	16,000	2.5	40,000	32,000	2.7	84,800
Erie	14,000	3.3	46,200	32,500	2.4	78,000	46,500	2.7	124,200
Essex	7,000	2.3	16,100	13,000	1.8	23,400	20,000	2.0	39,500
Franklin	21,000	2.6	54,600	36,500	2.3	83,900	57,500	2.4	138,500
Fulton	6,000	3.1	18,600	8,000	2.0	16,000	14,000	2.5	34,600
Genesee	22,000	3.1	68,200	4,500	2.5	11,300	26,500	3.0	79,500
Greene	6,500	2.6	16,900	13,500	1.9	25,700	20,000	2.1	42,600
Hamilton	2/	2/	2/	2/	2/	2/	2/	2/	2/
Herkimer	33,000	2.8	92,400	24,000	2.0	48,000	57,000	2.5	140,400
Jefferson	43,000	2.5	107,500	65,000	1.8	117,000	108,000	2.1	224,500
Lewis	35,000	2.8	98,000	32,500	2.3	74,800	67,500	2.6	172,800
Livingston	31,000	3.0	93,000	12,500	1.8	22,500	43,500	2.7	115,500
Madison	41,500	2.6	107,900	14,500	2.5	36,300	56,000	2.6	144,200
Monroe	13,000	3.1	40,300	6,500	1.8	11,700	19,500	2.7	52,000
Montgomery	31,000	2.6	80,600	33,500	2.0	67,000	64,500	2.3	147,600
Nassau	2/	2/	2/	2/	2/	2/	2/	2/	2/
Niagara	12,000	3.1	37,200	18,500	2.0	37,000	30,500	2.4	74,200
Oneida	37,500	3.0	112,500	35,000	2.3	80,500	72,500	2.7	193,000
Onondaga	28,000	2.7	75,600	6,500	2.0	13,000	34,500	2.6	88,600
Ontario	25,000	2.9	72,500	13,000	2.0	26,000	38,000	2.6	98,500
Orange	10,000	3.4	34,000	26,000	2.0	52,000	36,000	2.4	86,000
Orleans	10,500	3.0	31,500	6,000	2.1	12,600	16,500	2.7	44,100
Oswego	8,500	3.2	27,200	23,500	2.0	47,000	32,000	2.3	74,200
Otsego	29,000	2.6	75,400	42,500	2.2	93,500	71,500	2.4	168,900
Putnam	200	2.5	500	2,000	1.6	3,200	2,200	1.7	3,700
Rensselaer	12,000	2.8	33,600	16,000	2.2	35,200	28,000	2.5	68,800
Rockland	2/	2/	2/	2/	2/	2/	2/	2/	2/
St. Lawrence	31,000	2.6	80,600	115,000	2.0	228,800	146,000	2.1	309,400
Saratoga	11,000	2.5	27,500	15,000	2.1	31,500	26,000	2.3	59,000
Schenectady	1,600	2.4	3,800	8,000	2.2	17,600	9,600	2.2	21,400
Schoharie	24,000	2.3	55,200	27,000	1.8	48,600	51,000	2.0	103,800
Schuyler	6,500	2.4	15,600	8,000	1.7	13,600	14,500	2.0	29,200
Seneca	7,000	3.1	21,700	8,500	1.9	16,200	15,500	2.4	37,900
Steuben	31,000	2.4	74,400	68,000	1.7	115,600	99,000	1.9	190,000
Suffolk	400	2.5	1,000	500	2.4	1,200	900	2.4	2,200
Sullivan	2,300	3.0	6,900	23,000	2.1	48,300	25,300	2.2	55,200
Tioga	10,500	2.9	30,500	24,500	1.9	46,600	35,000	2.2	77,100
Tompkins	11,000	2.7	29,700	12,500	2.0	25,000	23,500	2.3	54,700
Ulster	3,000	3.6	10,800	16,000	2.2	35,200	19,000	2.4	46,000
Warren	400	3.0	1,200	1,600	2.0	3,200	2,000	2.2	4,400
Washington	24,000	2.6	62,400	38,000	2.0	76,000	62,000	2.2	138,400
Wayne	13,500	3.4	45,900	7,500	2.0	15,000	21,000	2.9	60,900
Westchester	300	2.0	600	500	1.6	800	800	1.8	1,400
Wyoming	33,000	3.3	108,900	22,000	2.6	57,200	55,000	3.0	166,100
Yates	6,500	2.6	16,900	7,500	2.1	15,800	14,000	2.3	32,700
Other Counties	300	2.3	700	400	2.0	800	700	2.1	1,500
TOTAL	930,000	2.80	2,604,000	1,300,000	2.05	2,665,000	2,230,000	2.36	5,269,000

1/ Dry hay only. Excludes silage and green chop. 2/ Included in Other Counties.

HAY: Acreage, Yield, and Production, by Counties, 1986 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	7,200	2.4	17,300	17,100	1.9	32,500	24,300	2.0	49,800
Allegany	13,000	2.8	36,400	42,000	2.0	84,000	55,000	2.2	120,400
Broome	9,000	3.0	27,000	27,000	1.8	48,600	36,000	2.1	75,600
Cattaraugus	23,800	2.8	66,600	49,700	2.2	109,300	73,500	2.4	175,900
Cayuga	40,000	3.1	124,100	13,000	2.3	29,900	53,000	2.9	154,000
Chautauqua	20,000	2.8	56,000	61,400	2.2	135,100	81,400	2.3	191,100
Chemung	6,500	2.8	18,200	10,900	1.9	20,700	17,400	2.2	38,900
Chenango	24,500	2.8	68,600	47,200	2.3	108,600	71,700	2.5	177,200
Clinton	18,400	3.1	57,000	33,800	2.1	71,000	52,200	2.5	128,000
Columbia	18,000	3.0	54,000	21,900	2.4	52,600	39,900	2.7	106,600
Cortland	15,100	2.5	37,800	17,000	2.7	45,900	32,100	2.6	83,700
Delaware	16,000	2.7	43,200	57,300	2.0	114,600	73,300	2.2	157,800
Dutchess	14,400	3.1	44,600	18,800	2.4	45,100	33,200	2.7	89,700
Erie	15,400	3.1	47,700	37,100	2.1	77,900	52,500	2.4	125,600
Essex	5,100	2.4	12,200	10,400	2.1	21,800	15,500	2.2	34,000
Franklin	18,300	2.5	45,800	34,400	2.1	72,200	52,700	2.2	118,000
Fulton	4,500	3.2	14,400	8,000	2.1	16,800	12,500	2.5	31,200
Genesee	23,000	3.0	69,000	5,200	2.8	14,600	28,200	3.0	83,600
Greene	5,600	3.1	17,400	12,700	1.9	24,100	18,300	2.3	41,500
Hamilton	2/	2/	2/	2/	2/	2/	2/	2/	2/
Herkimer	33,800	3.0	101,400	26,500	2.1	55,700	60,300	2.6	157,100
Jefferson	42,000	2.6	109,200	60,000	1.9	114,000	102,000	2.2	223,200
Lewis	30,500	2.8	85,400	38,800	2.0	77,600	69,300	2.4	163,000
Livingston	27,000	3.1	83,700	12,500	2.0	25,000	39,500	2.8	108,700
Madison	38,500	3.0	115,500	13,000	2.2	28,600	51,500	2.8	144,100
Monroe	11,000	3.0	33,000	5,000	2.2	11,000	16,000	2.8	44,000
Montgomery	28,900	2.8	80,900	30,200	1.9	57,400	59,100	2.3	128,300
Nassau	2/	2/	2/	2/	2/	2/	2/	2/	2/
Niagara	10,000	3.5	35,000	16,600	2.1	34,900	26,600	2.6	69,900
Oneida	39,800	2.8	111,400	38,300	2.2	84,300	78,100	2.5	195,700
Onondaga	26,400	3.0	79,200	8,200	2.2	18,000	34,600	2.8	97,200
Ontario	21,500	2.8	60,200	11,300	2.1	23,700	32,800	2.6	83,900
Orange	10,700	2.9	31,000	30,100	2.1	63,200	40,800	2.3	94,200
Orleans	11,600	2.6	30,200	5,000	2.0	10,000	16,600	2.4	40,200
Oswego	11,500	2.4	27,600	22,000	2.2	48,400	33,500	2.3	76,000
Otsego	27,500	2.7	74,300	46,000	2.1	96,600	73,500	2.3	170,900
Putnam	300	2.9	900	2,000	2.1	4,200	2,300	2.2	5,100
Rensselaer	11,200	2.6	29,100	17,900	2.0	35,800	29,100	2.2	64,900
Rockland	2/	2/	2/	2/	2/	2/	2/	2/	2/
St. Lawrence	25,600	2.6	66,600	116,100	2.0	232,900	141,700	2.1	299,500
Saratoga	10,700	2.5	26,800	17,500	2.3	40,300	28,200	2.4	67,100
Schenectady	1,500	2.4	3,600	7,000	2.3	16,100	8,500	2.3	19,700
Schoharie	21,300	2.5	53,300	25,000	2.0	50,000	46,300	2.2	103,300
Schuyler	5,000	2.9	14,500	8,100	2.0	16,200	13,100	2.3	30,700
Seneca	7,000	2.8	19,600	9,200	2.1	19,300	16,200	2.4	38,900
Steuben	30,600	2.8	85,700	68,700	2.0	137,400	99,300	2.2	223,100
Suffolk	400	3.5	1,400	500	2.8	1,400	900	3.1	2,800
Sullivan	2,100	3.2	6,700	24,200	2.3	55,700	26,300	2.4	62,400
Tioga	9,600	3.1	29,800	21,200	2.4	50,900	30,800	2.6	80,700
Tompkins	9,900	2.8	27,700	12,200	2.1	25,600	22,100	2.4	53,300
Ulster	2,700	3.0	8,100	20,200	1.8	36,400	22,900	1.9	44,500
Warren	700	3.7	2,600	1,600	3.0	4,800	2,300	3.2	7,400
Washington	19,500	2.9	56,600	43,200	2.1	90,700	62,700	2.3	147,300
Wayne	12,200	3.1	37,800	7,300	2.2	16,100	19,500	2.8	53,900
Westchester	300	2.2	700	500	2.1	1,100	800	2.3	1,800
Wyoming	34,200	2.9	99,200	20,000	2.2	44,000	54,200	2.6	143,200
Yates	6,400	3.3	21,100	8,700	2.1	18,300	15,100	2.6	39,400
Other Counties	300	2.9	900	500	2.1	1,100	800	2.5	2,000
TOTAL	880,000	2.85	2,508,000	1,320,000	2.10	2,772,000	2,200,000	2.40	5,280,000

1/ only. Excludes silage and green chop. 2/ Included in Other Counties.

CORN: Acreage, Yield, and Production, by Counties, 1985

County	All Planted	All Harvested	Grain Harvested	Grain Yield	Grain Production	Silage Harvested	Silage Yield	Silage Production
	Acres		Acres	Bushels		Acres	Tons	
Albany	6,500	6,500	2,500	108.0	270,000	3,900	12.0	46,800
Allegany	16,000	15,800	4,600	95.0	437,000	11,000	12.0	132,000
Broome	14,000	13,900	3,000	110.0	330,000	10,500	15.5	162,700
Cattaraugus	27,000	26,900	7,600	109.0	828,400	19,000	15.0	285,000
Cayuga	93,000	92,800	72,000	92.0	6,624,000	20,600	15.5	319,000
Chautauqua	29,000	28,800	8,600	95.0	817,000	20,000	14.5	290,000
Chemung	7,000	6,900	3,200	95.0	304,000	3,600	11.5	41,400
Chenango	24,000	23,700	7,000	85.0	595,000	16,600	14.0	232,400
Clinton	23,000	22,900	6,800	105.0	714,000	16,000	13.5	216,000
Columbia	30,000	29,800	16,000	107.0	1,712,000	13,600	15.0	204,000
Cortland	27,000	26,900	8,500	95.0	807,500	18,300	14.5	265,000
Delaware	20,000	19,900	1,700	89.0	151,300	18,000	14.0	252,000
Dutchess	20,000	19,900	11,500	107.0	1,230,500	8,300	15.0	124,500
Erie	32,000	31,800	15,500	104.0	1,612,000	16,200	14.5	234,200
Essex	5,000	4,900	800	94.0	75,200	4,000	11.5	46,000
Franklin	15,400	15,000	1,500	103.0	154,500	13,400	13.5	180,900
Fulton	5,500	5,500	1,500	103.0	154,500	4,000	13.0	52,000
Genesee	57,000	56,800	38,000	89.0	3,383,000	18,700	15.0	280,000
Greene	2,700	2,500	800	100.0	80,000	1,700	14.5	24,600
Hamilton	-	-	-	-	-	-	-	-
Herkimer	23,000	22,900	8,000	84.0	672,000	14,800	14.5	214,600
Jefferson	43,000	42,700	13,900	105.0	1,459,500	28,500	13.5	384,700
Lewis	19,000	18,900	3,800	96.0	364,800	15,000	14.5	217,500
Livingston	49,000	48,800	33,000	95.0	3,136,000	15,400	14.5	223,000
Madison	44,000	43,800	16,000	85.0	1,360,000	27,500	13.0	257,500
Monroe	33,000	32,700	26,000	93.0	2,419,000	6,200	14.0	86,800
Montgomery	32,000	31,700	14,000	108.0	1,512,000	17,400	13.0	226,200
Nassau	-	-	-	-	-	-	-	-
Niagara	35,000	34,600	28,000	95.0	2,661,000	6,400	15.5	99,000
Oneida	42,000	41,600	22,000	92.0	2,024,000	19,400	13.0	252,000
Onondaga	48,000	47,800	33,000	96.0	3,168,000	14,300	14.5	207,300
Ontario	64,000	63,700	56,000	99.0	5,546,000	7,300	15.0	109,300
Orange	21,000	20,800	7,700	102.0	785,400	13,000	13.0	169,000
Orleans	38,000	37,600	12,000	95.0	3,041,000	5,400	16.0	86,200
Oswego	16,000	15,800	6,600	89.0	587,400	9,000	12.5	112,500
Otsego	28,000	27,700	8,900	96.0	854,100	18,500	14.0	259,000
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	19,000	18,900	9,500	97.0	921,500	9,300	16.0	148,800
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	39,000	38,700	6,300	94.0	592,200	32,000	14.0	448,000
Saratoga	14,500	14,400	7,500	107.0	802,500	6,800	14.0	95,200
Schenectady	2,500	2,500	1,300	90.0	117,000	1,200	15.0	18,000
Schoharie	17,000	16,800	6,500	105.0	682,500	10,000	14.0	140,000
Schuyler	7,500	7,300	2,900	83.0	240,700	4,200	11.0	46,200
Seneca	35,000	34,900	29,000	91.0	2,640,000	5,800	12.0	69,400
Steuben	47,000	46,500	23,000	84.0	1,932,000	23,200	12.5	290,000
Suffolk	1,000	1,000	600	90.0	54,000	400	13.5	5,400
Sullivan	4,500	4,400	1,300	100.0	130,000	2,900	14.0	40,600
Tioga	19,000	18,800	7,500	106.0	795,000	10,900	14.0	152,600
Tompkins	25,000	24,900	16,000	98.0	1,568,000	8,800	15.0	132,000
Ulster	6,000	5,900	3,500	111.0	388,500	2,400	15.0	36,000
Warren	600	600	-	-	-	600	16.0	9,600
Washington	36,000	35,600	9,000	111.0	999,000	26,400	14.0	369,600
Wayne	52,000	51,800	43,000	86.0	3,700,000	8,300	13.5	112,000
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	46,000	45,500	19,000	93.0	1,767,000	26,300	15.0	393,500
Yates	19,000	18,900	14,000	85.0	1,190,000	4,800	12.0	57,600
Other Counties	300	300	100	100.0	10,000	200	12.0	2,400
TOTAL	1,380,000	1,370,000	720,000	95.0	68,400,000	640,000	14.0	8,960,000

1/ Included in Other Counties.

CORN: Acreage, Yield, and Production, by Counties, 1986

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Acres	Bushels		Acres	Tons	
Albany	6,500	2,800	111.0	310,800	3,500	12.0	42,000
Allegany	15,500	5,000	101.0	505,000	9,900	13.0	128,700
Broome	12,000	2,500	115.0	287,500	9,000	15.0	135,000
Cattaraugus	23,000	6,500	101.0	656,500	15,700	14.0	219,800
Cayuga	82,000	64,000	104.7	6,702,300	16,800	15.5	260,400
Chautauqua	25,500	7,500	93.0	697,500	17,000	13.0	221,000
Chemung	6,500	3,300	95.0	313,500	3,000	14.5	43,500
Chenango	22,000	6,900	94.0	648,600	14,500	15.0	217,500
Clinton	20,000	7,100	104.0	738,400	12,500	15.5	193,800
Columbia	27,000	15,000	107.0	1,605,000	11,700	14.0	163,800
Cortland	23,000	7,600	103.0	782,800	15,000	16.0	240,000
Delaware	17,000	1,800	95.0	171,000	15,000	14.0	210,000
Dutchess	19,000	11,000	99.0	1,089,000	7,800	14.5	113,100
Erie	28,000	12,800	96.0	1,228,800	14,000	14.0	196,000
Essex	4,500	400	83.0	33,200	3,900	11.5	44,900
Franklin	13,000	1,900	87.0	165,300	10,500	13.0	136,500
Fulton	4,700	1,200	88.0	105,600	3,300	12.5	41,300
Genesee	49,000	33,000	106.0	3,498,000	14,500	16.5	239,300
Greene	2,400	1,000	97.0	97,000	1,300	14.0	18,200
Hamilton	-	-	-	-	-	-	-
Herkimer	22,000	7,800	82.0	639,600	13,500	15.0	202,500
Jefferson	39,000	12,100	97.0	1,173,700	25,000	14.0	350,000
Lewis	17,000	4,000	82.0	328,000	12,400	15.0	186,000
Livingston	43,000	30,000	105.0	3,150,000	12,100	15.0	181,500
Madison	40,000	16,800	95.0	1,596,000	22,000	14.0	308,000
Monroe	26,000	22,000	95.0	2,090,000	3,600	14.5	52,200
Montgomery	28,000	12,000	95.0	1,140,000	15,000	11.5	172,500
Nassau	-	-	-	-	-	-	-
Niagara	30,000	24,000	88.0	2,112,000	5,100	13.5	68,900
Oneida	40,000	19,500	101.0	1,969,500	19,500	13.5	263,300
Onondaga	43,000	31,000	96.0	2,976,000	11,200	16.0	179,200
Ontario	56,000	48,000	101.0	4,848,000	7,200	16.5	118,800
Orange	18,000	6,000	102.0	612,000	11,800	13.0	153,400
Orleans	32,000	27,500	100.0	2,750,000	4,200	14.5	60,900
Oswego	15,000	7,000	97.0	679,000	7,500	13.5	101,300
Otsego	25,000	8,000	88.0	704,000	16,500	14.5	239,300
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	16,000	7,500	113.0	847,500	8,200	16.5	135,300
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	34,000	4,800	81.0	388,800	27,500	14.0	385,000
Saratoga	12,500	6,000	108.0	648,000	6,100	14.5	88,500
Schenectady	1,800	1,000	85.0	85,000	800	15.5	12,400
Schoharie	15,000	5,700	92.0	524,400	9,000	14.0	126,000
Schuyler	6,500	3,300	92.0	303,600	3,000	15.5	46,500
Seneca	29,000	24,000	102.0	2,448,000	4,400	12.5	55,000
Steuben	43,000	23,000	95.0	2,185,000	19,300	14.5	279,900
Suffolk	1,000	700	99.0	69,300	300	16.0	4,800
Sullivan	4,000	1,300	97.0	126,100	2,700	13.0	35,100
Tioga	18,000	8,100	115.0	931,500	9,500	15.5	147,300
Tompkins	22,000	16,500	104.0	1,716,000	5,200	17.0	88,400
Ulster	5,000	3,400	105.0	357,000	1,500	15.5	23,300
Warren	400	-	-	-	400	13.5	5,400
Washington	33,000	8,600	102.0	877,200	24,000	15.8	379,600
Wayne	44,000	37,000	89.0	3,293,000	6,200	16.5	102,300
Westchester	1/	1/	1/	1/	1/	1/	1/
Wyoming	43,000	19,000	98.0	1,862,000	22,700	15.5	351,900
Yates	17,000	13,000	98.0	1,274,000	3,600	16.5	59,400
Other Counties	200	100	100.0	10,000	100	13.0	1,300
TOTAL	1,220,000	650,000	99.0	64,350,000	540,000	14.5	7,830,000

1/ Included in Other Counties.

OATS: Acreage, Yield, and Production, by Counties, 1985-1986

County	Planted		Harvested		Yield		Production	
	1985	1986	1985	1986	1985	1986	1985	1986
	Acres		Acres		Bushels		Bushels	
Albany	1,800	1,400	1,200	1,000	63.0	45.6	75,600	45,600
Allegany	7,500	6,600	6,700	5,200	66.8	56.2	447,600	292,400
Broome	1,600	1,800	1,000	1,500	57.3	51.3	57,300	77,000
Cattaraugus	7,000	6,200	4,800	4,200	78.1	54.1	374,900	227,100
Cayuga	14,000	10,500	13,000	9,900	83.1	65.9	1,080,300	652,600
Chautauqua	5,000	4,300	3,000	2,700	71.6	58.6	214,800	158,200
Chemung	2,000	1,900	1,800	1,500	66.8	60.9	120,200	91,300
Chenango	3,500	2,500	2,700	1,500	71.3	64.1	192,500	96,200
Clinton	7,600	2,900	1,400	1,300	77.3	77.9	108,200	101,300
Columbia	3,000	2,700	2,200	2,000	67.7	54.5	148,900	108,900
Cortland	3,800	3,000	3,200	2,100	67.7	58.3	216,600	122,400
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1,600	1,500	1,300	1,100	53.1	47.0	69,000	51,700
Erie	7,000	6,000	6,300	5,400	79.6	61.1	501,500	330,100
Essex	600	600	400	300	78.0	57.3	31,200	17,200
Franklin	2,000	2,100	1,200	1,400	72.0	53.7	86,400	75,200
Fulton	1,000	1,000	800	800	66.8	59.3	53,400	47,400
Genesee	6,300	5,400	5,000	5,000	84.2	70.5	421,000	352
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	-	-	-	-	-	-	-	-
Herkimer	9,000	9,400	7,300	6,900	70.5	64.0	514,700	441,800
Jefferson	8,200	8,700	6,400	6,300	69.9	64.9	447,400	408,800
Lewis	2,800	2,600	1,800	1,800	66.7	74.2	120,100	133,500
Livingston	14,500	12,200	14,200	11,400	82.6	68.6	1,172,900	781,500
Madison	10,200	8,900	9,500	8,100	75.3	67.7	715,400	548,400
Monroe	7,500	6,000	7,400	5,600	84.4	73.8	624,600	413,100
Montgomery	3,400	3,100	2,800	2,300	70.9	65.4	198,500	150,500
Nassau	-	-	-	-	-	-	-	-
Niagara	4,000	2,800	3,900	2,500	82.1	51.0	320,200	127,500
Oneida	10,100	8,600	8,600	7,500	77.2	67.5	663,900	506,400
Onondaga	15,500	11,700	14,500	10,500	81.5	69.6	1,182,000	730,600
Ontario	13,300	11,000	12,800	10,900	86.0	66.8	1,100,800	727,800
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	4,000	2,800	3,900	2,700	90.2	68.4	351,800	184,600
Oswego	2,500	1,700	1,900	1,100	81.6	66.9	155,000	73,600
Otsego	5,800	4,900	4,800	4,100	70.2	58.4	337,000	239,400
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	2,500	1,900	1,600	1,000	63.0	46.6	100,800	46,600
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	6,500	5,000	3,500	2,100	64.4	64.6	225,400	135,700
Saratoga	1,200	1,000	1,100	700	67.0	61.0	73,700	42,700
Schenectady	400	500	300	300	55.0	46.7	16,500	14,000
Schoharie	4,000	2,700	2,700	1,700	65.9	66.6	177,900	113,200
Schuyler	3,800	3,100	3,700	2,800	64.0	59.9	236,800	167,700
Seneca	10,200	7,200	10,100	6,800	84.8	64.1	856,500	436,100
Steuben	21,200	22,100	19,000	19,700	72.5	67.2	1,377,500	1,324,500
Suffolk	1,800	1,500	600	500	85.0	61.2	51,000	30,600
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	2,200	2,200	1,900	1,800	71.2	58.9	135,300	106,100
Tompkins	4,800	4,800	4,300	4,300	74.2	69.2	319,100	297,600
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	3,500	2,000	1,800	1,100	73.2	67.4	131,800	74,100
Wayne	6,300	4,300	6,200	4,000	84.8	70.1	525,800	280,200
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	13,200	11,500	11,300	10,200	80.1	66.1	905,100	674,100
Yates	5,700	4,000	5,400	3,700	79.3	69.0	428,200	255,400
Other Counties	1,600	1,400	700	700	64.1	52.4	44,900	36,700
TOTAL	270,000	230,000	230,000	190,000	77.0	65.0	17,710,000	12,350,000

1/ Included in Other Counties.

WHEAT: Acreage, Yield, and Production, by Counties, 1985-1986

County	Planted		Harvested		Yield		Production	
	1985	1986	1985	1986	1985	1986	1985	1986
	Acres		Acres		Bushels		Bushels	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Allegany	500	700	500	600	46.0	40.0	23,000	24,000
Broome	1/	1/	1/	1/	1/	1/	1/	1/
Cattaraugus	1/	1/	1/	1/	1/	1/	1/	1/
Cayuga	10,500	11,000	10,000	10,500	56.0	47.0	560,000	493,500
Chautauqua	1/	1/	1/	1/	1/	1/	1/	1/
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	-	-	-	-	-	-	-	-
Columbia	400	600	300	400	44.0	58.0	13,200	23,200
Cortland	1/	1/	1/	1/	1/	1/	1/	1/
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erie	3,000	2,500	2,900	2,400	55.0	44.0	159,500	105,600
Essex	700	1,000	700	800	38.0	38.0	26,600	30,400
Franklin	-	-	-	-	-	-		
Fulton	1/	1/	1/	1/	1/	1/	1/	1/
Genesee	14,000	16,000	13,200	15,600	64.0	52.0	844,800	811,200
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	-	-	-	-	-	-	-	-
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,000	1,600	900	1,400	44.0	40.0	39,600	56,000
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	16,200	17,500	14,700	16,000	61.0	47.0	896,700	752,000
Madison	1,000	1,000	900	900	40.0	40.0	36,000	36,000
Monroe	14,000	15,000	13,600	14,600	58.0	53.0	788,800	774,000
Montgomery	700	800	600	700	56.0	50.0	33,600	35,000
Nassau	-	-	-	-	-	-	-	-
Niagara	10,000	8,000	9,600	7,800	57.0	43.0	547,200	335,500
Oneida	1,600	1,500	1,500	1,400	59.0	50.0	88,500	70,000
Onondaga	5,500	5,800	5,000	5,600	59.0	52.0	295,000	291,200
Ontario	18,700	21,000	17,700	20,000	61.0	50.0	1,079,700	1,000,000
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	10,500	10,000	10,000	9,600	59.0	50.0	590,000	480,000
Oswego	200	200	200	100	51.0	50.0	10,200	5,000
Otsego	1/	1/	1/	1/	1/	1/	1/	1/
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	1/	1/	1/	1/	1/	1/	1/	1/
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	1/	1/	1/	1/	1/	1/	1/	1/
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	1/	1/	1/	1/	1/	1/	1/	1/
Schuyler	1,500	2,000	1,300	1,800	47.0	44.0	61,100	79,200
Seneca	13,500	16,000	13,400	15,600	60.0	48.0	804,000	749,000
Steuben	1,600	1,800	1,500	1,700	41.0	47.0	61,500	79,900
Suffolk	3,500	3,000	2,000	2,000	54.0	50.0	108,000	100,000
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	1,800	2,400	1,700	2,300	59.0	52.0	100,300	119,600
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	1/	1/	1/	1/	1/	1/	1/	1/
Wayne	5,500	6,000	5,300	5,600	56.0	47.0	296,800	263,200
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	8,000	8,000	7,300	7,400	55.0	48.0	401,500	355,200
Yates	7,000	7,500	6,800	7,000	56.0	54.0	380,800	378,000
Other Counties	4,100	4,100	3,400	3,200	48.1	46.3	163,600	148,300
TOTAL	155,000	165,000	145,000	155,000	58.0	49.0	8,410,000	7,595,000

1/ Included in Other Counties.

CATTLE: Number on Farms, by Counties, January 1, 1986 and 1987

County	All cattle and calves		Milk cows		Beef cows	
	1986	1987	1986 1/	1987	1986	1987
	Number head					
Albany	12,000	10,000	1,600	1,000	1,300	1,800
Allegany	36,000	35,000	17,500	17,000	2,300	3,000
Broome	32,000	31,000	13,500	13,500	1,800	2,000
Cattaraugus	63,000	63,000	29,000	28,000	3,200	3,200
Cayuga	58,000	55,000	28,000	26,000	2,200	3,100
Chautauqua	73,000	73,000	34,000	33,000	3,500	4,200
Chemung	13,000	12,500	5,800	5,600	1,300	1,600
Chenango	58,000	57,000	32,000	31,500	1,900	2,100
Clinton	44,000	43,000	22,500	20,500	500	700
Columbia	33,000	30,000	15,500	15,000	2,000	2,500
Cortland	54,000	52,000	25,500	25,000	800	1,000
Delaware	75,000	72,000	36,000	34,000	1,900	2,500
Dutchess	30,500	26,000	12,500	11,000	3,400	4,400
Erie	37,500	36,500	21,500	21,000	2,000	2,800
Essex	8,700	8,500	4,000	4,000	800	1,100
Franklin	44,500	43,000	24,000	23,000	700	800
Fulton	9,200	8,000	5,000	4,600	500	700
Genesee	52,000	48,000	22,000	19,000	1,400	2,000
Greene	7,900	7,400	3,500	3,200	1,100	1,300
Hamilton	2/	2/	2/	2/	2/	2/
Herkimer	57,000	54,000	29,000	28,000	1,500	1,500
Jefferson	91,000	89,000	46,500	45,000	2,600	2,600
Lewis	60,000	59,000	34,500	34,000	400	400
Livingston	44,500	41,500	19,500	16,000	2,500	2,800
Madison	74,000	71,000	39,500	37,000	1,500	1,700
Monroe	17,000	15,000	7,700	5,500	1,200	1,400
Montgomery	47,000	44,500	23,000	22,500	1,200	1,700
Nassau	2/	2/	2/	2/	2/	2/
Niagara	22,000	20,000	8,600	7,500	1,900	2,200
Oneida	69,000	68,000	37,500	37,000	2,[illegible]	3,000
Onondaga	40,000	38,000	21,500	19,000	1,600	2,100
Ontario	31,500	28,000	12,000	10,000	2,600	3,000
Orange	35,000	33,500	19,000	17,500	1,900	2,000
Orleans	17,500	15,000	6,000	5,000	2,100	2,150
Oswego	29,000	27,500	11,500	11,000	1,900	2,600
Otsego	70,000	67,000	36,500	33,000	1,800	1,800
Putnam	2/	2/	2/	2/	2/	2/
Rensselaer	24,500	23,000	11,500	11,000	2,300	2,600
Rockland	2/	2/	2/	2/	2/	2/
St. Lawrence	95,000	92,000	50,000	49,000	2,300	2,900
Saratoga	20,500	19,500	8,700	8,600	1,000	1,300
Schenectady	3,200	2,900	1,600	1,500	500	500
Schoharie	33,000	30,000	17,500	16,000	1,600	2,100
Schuyler	12,500	11,500	5,300	4,500	1,000	1,400
Seneca	13,000	12,500	5,400	5,400	1,400	1,500
Steuben	59,000	58,000	28,000	27,500	3,800	5,000
Suffolk	2/	2/	2/	2/	2/	2/
Sullivan	13,500	13,000	7,000	6,900	1,000	1,000
Tioga	34,500	32,500	17,000	16,500	1,600	2,200
Tompkins	25,500	24,500	12,000	11,000	1,900	1,900
Ulster	10,000	9,600	3,900	3,800	1,500	1,800
Warren	2/	2/	2/	2/	2/	2/
Washington	60,000	59,000	33,000	32,000	1,800	1,800
Wayne	21,000	20,500	8,800	8,600	2,100	2,300
Westchester	2/	2/	2/	2/	2/	2/
Wyoming	87,000	83,000	42,000	38,000	1,500	1,900
Yates	12,000	12,000	6,300	5,700	1,000	1,400
Other Counties	4,000	3,600	2,300	2,100	700	700
TOTAL	1,970,000	1,885,000	968,000	914,000	87,000	104,000

1/ Revised. 2/ Included in Other Counties.

MILK: Cows and Production, by Counties, 1984 and 1985

County	Annual average milk cows		Average production per cow		Total milk production	
	1984	1985	1984	1985	1984	1985
	Number		Pounds		Thousand pounds	
Albany	3,500	3,500	11,500	11,700	40,300	41,000
Allegany	16,500	17,000	12,100	12,200	199,600	207,400
Broome	13,000	13,500	12,000	12,200	156,000	164,700
Cattaraugus	27,500	27,500	11,300	11,500	310,800	316,300
Cayuga	28,000	28,000	12,600	12,800	352,800	358,400
Chautauqua	32,000	33,000	11,400	11,500	364,800	379,500
Chemung	5,400	5,800	11,400	11,100	61,600	64,400
Chenango	30,000	31,000	11,900	11,900	357,000	368,900
Clinton	21,500	22,000	11,700	12,000	251,600	264,000
Columbia	16,000	15,500	12,400	12,500	198,400	193,700
Cortland	24,000	25,000	12,600	12,400	302,400	310,000
Delaware	34,500	35,500	12,300	12,100	424,400	429,500
Dutchess	13,000	12,500	12,500	12,200	162,500	152,500
Erie	20,500	21,000	11,900	12,600	244,000	264,600
Essex	3,700	3,900	11,900	11,800	44,000	46,000
Franklin	22,000	23,000	12,200	12,000	268,400	276,000
Fulton	5,100	5,100	11,800	11,800	60,200	60,200
Genesee	20,500	22,000	13,300	13,100	272,700	288,200
Greene	3,400	3,400	12,700	12,300	43,200	41,800
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	28,000	28,000	12,700	12,900	355,600	361,200
Jefferson	45,500	45,500	12,100	12,200	550,600	555,100
Lewis	34,000	34,500	13,100	13,200	445,400	455,400
Livingston	19,500	19,500	11,900	12,300	232,100	239,800
Madison	38,000	38,000	12,300	12,400	467,400	471,200
Monroe	6,700	7,400	11,600	11,700	77,700	86,600
Montgomery	22,500	22,500	12,400	12,700	279,000	285,800
Nassau	1/	1/	1/	1/	1/	1/
Niagara	7,600	8,300	12,900	12,500	98,000	103,700
Oneida	36,500	37,000	12,400	12,400	452,600	458,800
Onondaga	19,500	20,000	13,100	12,700	255,400	254,000
Ontario	11,500	11,500	13,500	13,800	155,300	158,700
Orange	18,000	19,000	11,800	11,500	212,400	218,500
Orleans	5,400	6,000	12,900	12,100	69,700	72,600
Oswego	10,500	11,000	12,600	12,500	132,300	137,500
Otsego	36,000	36,000	12,400	12,400	446,400	446,400
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	11,000	11,500	13,100	12,800	144,100	147,200
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	48,500	49,000	11,700	12,000	567,400	58[illegible],000
Saratoga	8,400	8,700	12,100	12,600	101,600	109,[illegible]0
Schenectady	1,400	1,500	12,200	11,800	17,100	17,700
Schoharie	17,000	17,000	11,200	11,400	190,400	193,800
Schuyler	4,900	5,300	12,500	12,000	61,200	63,600
Seneca	5,200	5,400	13,900	13,800	72,300	74,500
Steuben	28,000	27,500	12,400	13,000	347,200	357,500
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	7,000	7,000	11,300	11,600	79,100	81,200
Tioga	16,000	16,500	12,200	11,800	195,200	194,700
Tompkins	11,500	11,500	13,000	13,500	149,500	155,300
Ulster	4,000	3,900	10,800	11,000	43,200	42,900
Warren	1/	1/	1/	1/	1/	1/
Washington	32,000	33,000	12,400	12,400	396,800	409,200
Wayne	8,700	8,800	12,400	13,000	107,900	114,400
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	40,000	40,500	12,900	13,200	516,000	534,600
Yates	5,900	6,200	13,900	14,000	82,000	86,800
Other Counties	2,200	2,300	12,000	12,000	26,400	27,600
TOTAL	931,000	948,000	12,290	12,37[illegible]	11,442,000	11,731,000

1/ Included in Other Counties.

PHOTOGRAPHY ACKNOWLEDGEMENTS

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